

Information on Research Output & Outreach

Available at the time of the Mid-Term Reporting, February 2010

Scientific Publications

Articles

Peer- reviewed

CFSC

D. Porello. Ranking Judgments in Arrow's Settings. Synthese. In press.

D. Porello. Logica, preferenze e deliberazione. Un modello logico dei processi deliberativi. Sistemi Intelligenti. In press.

F. Brandt, F. Fischer, P. Harrenstein, and M. Mair. A computational analysis of the tournament equilibrium set. Social Choice and Welfare. In press.

F. Brandt and P. Harrenstein. Characterization of dominance relations in finite coalitional games. Theory and Decision. In press.

I. Ö. Sanver and D. Nizamogullari. Stability and coalitional efficiency of partitions in matching problems. Theory and Decision. In press.

J. Farfel and V. Conitzer. Aggregating Value Ranges: Preference Elicitation and Truthfulness. Journal of Autonomous Agents and Multi-Agent Systems. In press.

Y. Chevaleyre, U. Endriss, and N. Maudet. Simple Negotiation Schemes for Agents with Simple Preferences: Sufficiency, Necessity and Maximality. Journal of Autonomous Agents and Multiagent Systems, 20(2), 234-259, 2010.

F. Brandt. Some remarks on Dodgson's voting rule. Mathematical Logic Quarterly, 55(4):460-463, 2009.

E. Elkind, L. A. Goldberg, P. W. Goldberg, M. Wooldridge, A Tractable and Expressive Class of Marginal Contribution Nets and Its Applications, *Mathematical Logic Quarterly*, 55(4):362-376, 2009.

F. Brandt, F. Fischer, and P. Harrenstein. The computational complexity of choice sets. *Mathematical Logic Quarterly*, 55(4):444-459, 2009.

R. Sanver, W. Zwicker. One-Way Monotonicity as a Form of Strategy-Proofness. *International Journal of Game Theory*, 38(4), 553-574, 2009.

M. Zuckerman, A. D. Procaccia, and J. S. Rosenschein. Algorithms for the Coalitional Manipulation Problem. *Artificial Intelligence Journal*, 173(2), 392-412, 2009.

E. Hemaspaandra, L. Hemaspaandra, and J. Rothe. Hybrid Elections Broaden Complexity-Theoretic Resistance to Control. *Mathematical Logic Quarterly*, 55(4), 397-424, 2009.

G. Erdélyi, M. Nowak, and J. Rothe. Sincere-Strategy Preference-Based Approval Voting Fully Resists Constructive Control and Broadly Resists Destructive Control. *Mathematical Logic Quarterly*, 55(4), 425-443, 2009.

E. Elkind, L. A. Goldberg, P. W. Goldberg, M. Wooldridge, On the computational complexity of weighted voting games, *Annals of Mathematics and Artificial Intelligence*, 56(2), 109-131, 2009.

P. Faliszewski, E. Hemaspaandra, L. Hemaspaandra, and J. Rothe. Llull and Copeland Voting Computationally Resist Bribery and Constructive Control. *Journal of Artificial Intelligence Research*, 35, 275-341, 2009.

G. Erdélyi, L. Hemaspaandra, J. Rothe, and H. Spakowski. Frequency of Correctness versus Average Polynomial Time. *Information Processing Letters*, 109(16), 946-949, 2009.

G. Erdélyi, L. Hemaspaandra, J. Rothe, and H. Spakowski. Generalized Juntas and NP-Hard Sets. *Theoretical Computer Science*, 410(38-40), 3995-4000, 2009.

P. Faliszewski, E. Hemaspaandra, and L. Hemaspaandra. How Hard Is Bribery in Elections? *Journal of Artificial Intelligence Research*, 35, 485-532, 2009.

P. Faliszewski and L. Hemaspaandra. The Complexity of Power-Index Comparison, *Theoretical Computer Science*, 410(1), 101-107, 2009.

C. Homan and L. Hemaspaandra. Guarantees for the Success Frequency of an Algorithm for Finding Dodgson-Election Winners, *Journal of Heuristics*, 15(4), 403-423, 2009.

J. Lang, L. Xia: Sequential composition of voting rules in multi-issue domains. *Mathematical Social Sciences* 57(3): 304-324, 2009.

DiFoS

* Jesse Alama, A formal proof of Euler's polyhedron formula, *Studies in Logic, Grammar and Rhetoric* 18(31), 9-23, 2009.

Arthur Apter, Steve Jackson, Benedikt Löwe, Cofinality and measurability of the first three uncountable cardinals, submitted for publication.

Jörg Brendle, Benedikt Löwe, Eventually different functions and inaccessible cardinals, to appear in: *Journal of the Mathematical Society of Japan* 62 (2010).

Bernd Buldt, Benedikt Löwe, Thomas Müller, Towards a new epistemology of mathematics, *Erkenntnis* 68 (2008), 309-329.

* Wagner de Campos Sanz, Thomas Piecha, Inversion by Definitional Reflection and the Admissibility of Logical Rules, *Review of Symbolic Logic* 2 (2009), 550-569.

Joel D. Hamkins, Benedikt Löwe, The Modal Logic of Forcing, *Transactions of the American Mathematical Society* 360 (2008), 1793-1817.

Daisuke Ikegami, David de Kloet, Benedikt Löwe, The Axiom of Real Blackwell Determinacy, submitted for publication.

* Reinhard Kahle, The universal set and diagonalization in Frege structures. *Review of Symbolic Logic* (2010).

* Reinhard Kahle, Checking proofs. Submitted for publication.

Benedikt Löwe, Thomas Müller, Mathematical knowledge is context-dependent, *Grazer Philosophische Studien* 76 (2008), 91-107.

* Benedikt Löwe, Eric Pacuit, An abstract approach to reasoning about games with mistaken and changing beliefs, *Australasian Journal of Logic* 6 (2008), 162-181.

Benedikt Löwe, Thomas Müller, Data and Phenomena in Conceptual Modelling, *Synthese*(2010).

* Peter Schroeder-Heister, The Categorical and the Hypothetical: A critique of certain fundamental assumptions of standard semantics, *Synthese* (2010).

* Peter Schroeder-Heister, Definitional Reflection and Basic Logic. In: *Advances in Constructive Topology and Logical Foundations* (Maria Emilia Maietti, Erik Palmgren and Michael Rathjen, eds.), Special issue of *Annals of Pure and Applied Logic*. Submitted for publication.

* Peter Schroeder-Heister, Implications-as-rules vs. implications-as-links: An alternative implication-left schema for the sequent calculus Submitted for publication.

* Luca Tranchini, Falsificationism: dualizing proof-theoretic semantics, Submitted for publication.

Steve Jackson, Benedikt Löwe, Canonical measure assignments, submitted for publication.

* Sara L. Uckelman, Anselm's logic of agency, *Logical analysis and history of philosophy* 12 (2009), 248--268.

* Sara L. Uckelman, Logic and the Condemnations of 1277, *Journal of Philosophical Logic* (2010).

* Sara L. Uckelman, Viger's ontological argument and Russell's antinomy, *Logic and Logical Philosophy* (2010).

*Bartosz Więckowski: Associative substitutional semantics and quantified modal logic. *Studia Logica* 94 (2010), 105-138.

*Bartosz Więckowski: Rules for subatomic derivation. Submitted for publication.

GASICS

P. Haensch, M. Slaats, and W. Thomas. Parametrized Regular Infinite Games and Higher-Order Pushdown Strategies. In *FCT 2009*, volume 5699 of LNCS, pages 181-192. Springer, 2009. A preliminary version is accepted at the conference *AutoMathA 2009*, *Automata: from Mathematics to Applications*, Lie, Belgium.

Dominik Klein, Frank G. Radmacher, and Wolfgang Thomas. The complexity of reachability in randomized sabotage games. In Proceedings of the 3rd International Conference on Fundamentals of Software Engineering, FSEN 2009, volume 5961 of Lecture Notes in Computer Science, pages 162-177. Springer.

W. Thomas. Facets of synthesis: Revisiting Church's problem. In Proceedings of the 12th International Conference on Foundations of Software Science and Computational Structures, FOSSACS 2009, volume 5504 of Lecture Notes in Computer Science, pages 1-14. Springer, 2009.

F. Horn, W. Thomas, and N. Wallmeier. Optimal strategy synthesis for request-response games. In Proceedings of the 6th International Symposium on Automated Technology for Verification and Analysis, ATVA 2008, volume 5311 of Lecture Notes in Computer Science, pages 361-373. Springer, 2008.

M. Zimmermann. Time-optimal Winning Strategies for Poset Games. In Proceedings of the 14th International Conference on Implementation and Application of Automata, CIAA 2009, volume 5642 of Lecture Notes in Computer Science, pages 217-226.

Florian Horn. Random Fruits on the Zielonka Tree. In Proceedings of the 26th International Symposium on Theoretical Aspects of Computer Science, STACS'09, volume 3 of Leibniz International Proceedings in Informatics, pages 541-552. Dagstuhl Research Online Publication Server, 2009.

Hugo Gimbert and Florian Horn. Solving Simple Stochastic Tail Games. In Proceedings of the 21st Symposium on Discrete Algorithms, SODA'10, pages 847-863. Society for Industrial and Applied Mathematics, 2010.

E. Grädel, Ł. Kaiser, and R. Rabinovich. Directed Graphs of Entanglement Two. In Proceedings of the 17th International Symposium on Fundamentals of Computation Theory, FCT '09, vol. 5699 of LNCS, pp. 169–181. Springer, 2009.

Serre, O. Qualitative Concurrent Stochastic Games with Imperfect Information. In Proceedings of Automata, Languages and Programming, 36th International Colloquium, ICALP 2009 5556, Springer, Lecture Notes in Computer Science, pp.200-211, 2009.

Kalyon, G., Le Gall, T., Marchand, H. and Massart, T. Computational Complexity for State-Feedback Controllers with Partial Observation. In Proceedings of 7th International Conference on Control and Automation, ICCA'09, IEEE. pp 436-441.

Kalyon, G. and Gall T, Le and Marchand, H. and Massart, T. Control of Infinite Symbolic Transition Systems under Partial Observation. In Proceedings of European Control Conference, IEEE. pp 1456-1462.

Doyen, L. and Geeraerts, G. and Raskin, J.-F. and Reichert, J. Realizability of Real-Time Logics. In Proceedings of FORMATS: Formal Modelling and Analysis of Timed Systems. LNCS 5813, pp 133-148. 2009.

Chatterjee, K. and Doyen, L. and Henzinger, T. A. Alternating Weighted Automata In Proceedings of FCT 2009: Fundamentals of Computation Theory. LNCS 5699, pp 3-13. 2009.

Chatterjee, K. and Doyen, L. and Henzinger, T.~A. Probabilistic Weighted Automata. In Proceedings of CONCUR 2009: Concurrency Theory. LNCS 5710. pp 244-258. 2009.

Chatterjee, K. and Doyen, L. and Henzinger, T.~A. Expressiveness and Closure Properties for Quantitative Languages. In Proceedings of LICS 2009: Logic in Computer Science, ACM. pp 199-208. 2009.

Chatterjee, K. and Doyen, L. and Henzinger, T.~A. A Survey of Stochastic Games with Limsup and Liminf Objectives. In Proceedings of ICALP 2009: International Colloquium on Automata, Languages and Programming (Part II). LNCS 5556, pp 1-15. 2009.

Patricia Bouyer, Marie Duflot, Nicolas Markey et Gabriel Renault. Measuring Permissivity in Finite Games. In Proceedings of the 20th International Conference on Concurrency Theory (CONCUR'09). LNCS 5710. pp 196-210.

P. Gastin, N. Sznajder and M. Zeitoun. Distributed synthesis for well-connected architectures. Formal Methods in System Design 34(3). pp 215-237.

Th. Chatain, P. Gastin and N. Sznajder. Natural Specifications Yield Decidability for Distributed Synthesis of Asynchronous Systems. In Proceedings of the 35th International Conference on Current Trends in Theory and Practice of Computer Science (SOFSEM'09). LNCS 5404. pp 141-152.

P. Bouyer and V. Forejt. Reachability in Stochastic Timed Games. In Proceedings of the 36th International Colloquium on Automata, Languages and Programming (ICALP'09). LNCS 5556. pp 103-114.

Brihaye T., Da Costa A., Laroussinie F., Markey N. ATL with Strategy Contexts and Bounded Memory. LICS'09. LNCS 5407. Pp 92-106.

S. Demri (ENS Cachan), M. Jurdzinski, O. Lachish and R. Lazic (Warwick). The covering and boundedness problems for branching vector addition systems. 29th Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS).

M. Jurdzinski, R. Lazic and M. Rutkowski (Warwick). Average-Price-per-Reward Games on Hybrid Automata with Strong Resets. 10th International Conference on Verification, Model Checking, and Abstract Interpretation (VMCAI). LNCS 5403. Pp 167-181.

Martin Zimmermann. Time-optimal Winning Strategies for Poset Games. In Proceedings of the 14th International Conference on Implementation and Application of Automata (CIAA 2009). LNCS 5642. pp 217-226. technical report (with full proofs).

Peter Bulychev, Thomas Chatain, Alexandre David, Kim G. Larsen. Efficient on-the-fly Algorithm for Checking Alternating Timed Simulation . Proceedings of the 7th International Conference on Formal Modeling and Analysis of Timed Systems. LNCS 5813..

Thomas Chatain, Alexandre David, Kim G. Larsen. Playing Games with Timed Games . Preprints of the 3rd IFAC Conference on Analysis and Design of Hybrid Systems. pp 238-243.

Emmanuel Filiot (ULB), Naiyong Jin (ULB), Jean-François Raskin (ULB). An Antichain Algorithm for LTL Realizability. In Proceedings of CAV'09, LNCS 5643.

Peter Bulychev, Thomas Chatain, Alexandre David and Kim G. Larsen, Checking simulation relation between timed game automata, in: Proceedings of the 7th International Conference on Formal Modelling and Analysis of Timed Systems (FORMATS'09), pages 73-87, Springer, 2009.

Alexandre David, Kim Guldstrand Larsen, Shuhao Li and Brian Nielsen, Timed Testing under Partial Observability, in: Proc. 2nd International Conference on Software Testing, Verification and Validation (ICST'09), pages 61-70, IEEE Computer Society, 2009

Alexandre David, Shuhao Li, Brian Nielsen and Kim G. Larsen, A Game-Theoretic Approach to Real-Time System Testing, in: DATE, pages 486-491, 2008

Shuhao Li, Alexandre David, Kim G. Larsen and Brian Nielsen, Cooperative Testing of Uncontrollable Timed Systems, in: Fourth Workshop on Model-Based Testing (MBT'08), 2008

Alexandre David, Kim G. Larsen, Axel Legay, Ulrik Nyman and Andrzej Wasowski, Timed I/O Automata: A Complete Specification Theory for Real-time Systems, in: Proceedings of Hybrid Systems: Computation and Control, ACM, 2010

Alexandre David, Kim G. Larsen, Axel Legay, Ulrik Nyman and Andrzej Wasowski, An Environment for Compositional Design and Analysis of Real Time Systems. To appear.

LcpR

*Burns, P. L., Riggs, K.J., Beck, S.R. (in preparation) The role of executive control in the development of regret.

*Fugard, A. J. B., Pfeifer, N., Mayerhofer, B. & Kleiter, G. D. (submitted). How people interpret conditionals: Shifts towards the conditional event (Revised and extended version of WUPES conference paper)

*A. Gilio (submitted), "Generalization of inference rules in coherence-based probabilistic default reasoning".

*A. Gilio, D. Over (in preparation), "Probabilistic reasoning: Inferring conditionals from disjunctions". Working paper.

Kistler, M (2009). Mechanisms and Downward Causation, *Philosophical Psychology* 22(5), p. 595-609.

*Kleiter, G. D. (in press) Structuring essential graphs. In T. Kroupa & J. Vejnárova (Eds.). Forthcoming in a special issue of the International Journal of Approximate Reasoning. (Revised and extended version of WUPES conference paper.)

*R. Jirousek, J. Vejnárova. Compositional models and conditional independence in evidence theory. Submitted to Int. J. Approx. Reasoning.

Pfeifer, N. & Kleiter, G. D. (2009). Framing human inference by coherence based probability logic. *Journal of Applied Logic*, 7(2), 206-217.

Pfeifer, N. and Kleiter, G. D. (2009). Mental probability logic. Commentary on Oaksford & Chater: Bayesian Rationality. *The Probabilistic Approach to human reasoning. Behavioral and Brain Sciences*. 32 (1).

*Rafetseder, E., Christi-Varga, R., & Perner, J. (in press). Counterfactual Reasoning: Developing a sense of "nearest possible world". *Child Development*, 81(1), 362-375.

*Rafetseder, E., & Perner, J., (submitted). Counterfactual Reasoning: From childhood to adulthood. *Cognitive Development*.

*Rafetseder, E., & Perner, J., (submitted). When the Alternative had been better. *Counterfactual Reasoning and the Emergence of Regret. Cognition and Emotion*.

*Rafetseder, E., & Perner, J. (submitted). Are children's correct answers to counterfactual questions due to counterfactual reasoning? *Thinking and Reasoning*.

Schurz, G. (2009). "Meta-Induction and Social Epistemology: Computer Simulations of Prediction Games", *Episteme*, 200-220 (DOI: 10-3366/E1742360009000641).

*Thorn, Paul: 'Two Problems of Direct Inference' (submitted to *Synthese*, January, 2010).

*Tweney, R. D., Doherty, M. E., and Kleiter, G. D. (submitted). The pseudodiagnosticity trap. Comments on Crupi, Tentori and Lombardi.

LINT

Samson Abramsky, No-cloning in categorical quantum mechanics, in *Semantic Techniques in Quantum Computation*, ed. S. Gay and I. Mackie, Cambridge University Press, 2010.

Samson Abramsky, From CSP to Game semantics, 2010, to appear in Festschrift for Tony Hoare.

Samson Abramsky, Big Toy Models: Representing physical systems as Chu spaces, submitted to *Synthese* (invited submission).

Samson Abramsky and B. Coecke, Categorical Quantum Mechanics, in *Handbook of Quantum Logic and Quantum Structures: Quantum Logic*, ed. K. Engesser, D. Gabbay and D. Lehmann, Elsevier 2009, 261-324.

Samson Abramsky and Nikos Tzevelekos, Notes on category theory and categorical logic, to appear in *New Structures for Physics*, B.Coecke (ed.), Lecture Notes in Physics, Springer-Verlag, 2010.

Samson Abramsky and Jouko Väänänen, From IF to BI - A tale of dependence and separation. *Synthese* 167:2, 2009, 207-230.

Peter Adriaans and Johan van Benthem, Information is what information does, editorial, *Handbook of the Philosophy of Information*, Elsevier, Amsterdam, 2008, 3-26.

Johan van Benthem, Logical pluralism meets logical dynamics, *The Australasian Journal of Logic* 6, 2008.

Johan van Benthem, The information in intuitionistic logic, *Synthese* 167:2, 2009, 251-270.

Johan van Benthem, Actions that make us know, in J. Salerno (ed.), *New Essays on the Knowability Paradox*, Oxford University Press, Oxford, 2009, 129-146.

Johan van Benthem, For better or for worse: dynamic logics of preference, in T. Grüne-Yanoff & S-O Hansson (eds.), *Preference Change*, Springer, Dordrecht, 2009, 57-84.

Johan van Benthem, Sujata Gosh and Fenrong Liu, Modeling simultaneous games in dynamic logic, *Synthese* KRA 165:2, 2008, 247-268.

Johan van Benthem and Maricarmen Martinez, The logical stories of information, in *Handbook of the Philosophy of Information*, Elsevier, Amsterdam, 2008, 217-280.

Johan van Benthem, Thomas Agotness and Eric Pacuit, Logic and intelligent interaction, Editorial, special issue of *Knowledge, Rationality & Action*, *Synthese* 169:2, 2009, 219-221.

Johan van Benthem, Balder ten Cate, and Jouko Väänänen, Lindström theorems for fragments of first-order logic. *Logical Methods in Computer Science* 5(3), 2009, 1-27.

Johan van Benthem, Jelle Gerbrandy, Tomohiro Hoshi and Eric Pacuit, Merging frameworks for interaction, *Journal of Philosophical Logic* on-line, January 16, 2009. Paper version: *JPL* 38:5, 2009, 491-526.

Johan van Benthem, Jelle Gerbrandy and Barteld Kooi, Dynamic update with probabilities, *Studia Logica* 93:1, 67-96.

Dietmar Berwanger, Infinite coordination games, in *Logic and the Foundations of Game and Decision Theory (LOFT8)*, Texts in Logic and Games. Amsterdam University Press, 2010. Accepted for publication.

- * Dietmar Berwanger, Krishnendu Chatterjee, Laurent Doyen, Martin De Wulf and Thomas A. Henzinger, Strategy construction for parity games with imperfect information, *Information and Computation*, Elsevier, 2010. Accepted for publication.
- * Dietmar Berwanger and Łukasz Kaiser, Information tracking in games on graphs, *Journal of Logic, Language and Information*, Springer, 2010. In print (Online-First publication: January 2010).
- * Denis Bonnay, Which logic for the radical anti-realist?, to appear in M. Mathieu, G. Primiero and S. Rahman (eds.), *The Realism-Antirealism Debate in the Age of Alternative Logics*, Springer, 2010.
- Denis Bonnay and Johan van Benthem, Modal logic and invariance, *Journal of Applied Non-Classical Logics* 18:2-3. 2008, 153-173.
- Diana Fischer, Erich Grädel, and Łukasz Kaiser, Model-checking games for the quantitative mu-calculus, *Theory of Computing Systems*, in press (Springer Online-First publication: March 2009).
- * Pietro Galliani, Probabilistic dependence logic, 2008, submitted.
- Erich Grädel and Michael Ummels, Solution concepts and algorithms for infinite multiplayer games, in *New Perspectives on Games and Interaction*, vol. 4 of Texts in Logic and Games, Amsterdam University Press, 2008, 151-178.
- Wilfrid Hodges and Jouko Väänänen, Dependence of variables construed as an atomic formula, *Annals of Pure and Applied Logic*, 2009, doi:10.1016/j.apal.2009.06.009.
- * Juha Kontinen and Ville Nurmi, Team logic and second-order logic. *To appear in Fundamenta Informaticae*.
- * Juha Kontinen and Jouko Väänänen, On definability in dependence logic. *Journal of Logic, Language and Information* 18(3), 2009, 317-332.
- Allen Mann, Perfect IFG-formulas, *Logica Universalis* 2, 2008, 265-275.
- * Allen Mann, Independence-friendly cylindric set algebras, *Logic Journal of IGPL* 17, 2009, 719-754, doi:10.1093/jigpal/jzp029.
- * Allen Mann, Cylindric set algebras and IF logic, in H. Andréka, I. Németi, and M. Ferenczi (eds.), *Cylindric-Like Algebras and Algebraic Logic*, Springer, accepted for publication.
- * Bernd Puchala, Asynchronous games with partial observation, submitted.
- Gabriel Sandu and Carlo Proietti, Ceteris Paribus modalities and Fitch's paradox, *Synthese* (online November 2009).
- Martin Sevenster and Gabriel Sandu, Equilibrium semantics for languages with imperfect information, *Annals of Pure and Applied Logic*, 2010, 618-631.
- Nikos Tzevelekos, Full abstraction for nominal general references, journal version, in *Logical Methods in Computer Science* 5 (3:8), 2009.
- Jouko Väänänen, Modal dependence logic, in *New Perspectives on Games and Interaction*, Krzysztof Apt, Robert van Rooij (eds.) Texts in Logic and Games, vol 5, Amsterdam University Press, 2008, 237-254.
- * Dag Westerståhl, From constants to consequence, and back, *Synthese*, 2010. Accepted for publication.

LoMoReVI

- *E. Marchioni, L. Spada. Advances in the theory of μ LPI-algebras, in Logic Journal of the IGPL, 2010, in press
- *P. Dellunde, L. Godo, E. Marchioni. Extending Possibilistic Logic over Godel Logic, in International Journal of Approximate Reasoning, 2010, submitted
- *A. Garcia-Cerdaña, E. Armengol and F. Esteva. Fuzzy Description Logics and t-norm based Fuzzy Logics, in Int. Journal of Approximate Reasoning, Elsevier (ed.), 2010 in press
- *L.P. Belluce, A. Di Nola, E. Marchioni. Rings and Godel algebras, in Algebra Universalis, 2010 submitted
- *E. Marchioni. Amalgamation through quantifier elimination for varieties of commutative residuated lattices, in Archive for Mathematical Logic, 2009, in press
- *Petr Cintula and Carles Noguera. Implicational (semilinear) logics I: a new hierarchy, in press in Archive for Mathematical Logic
- *Petr Hájek. On the fuzzy modal logic $S5(C)$, in Fuzzy Sets and Systems, 2010, in press
- *Petr Hájek. Comments on interpretability, decidability and other topics on fuzzy logic, in press in Journal of Logic and Computation. doi:10.1093/logcom/exp058)
- *Petr Cintula and Petr Hájek. Triangular Norm Based Predicate Fuzzy Logics, in Fuzzy Sets and Systems, vol. 161(3), pp. 311-346, 2010
- *Tommaso Flaminio; Lluís Godo; Enrico Marchioni. On the Logical Formalization of Possibilistic Counterparts of States over n-Valued Lukasiewicz Events, in Journal of Logic and Computation, in press P. Cintula and G. Metcalfe. Structural Completeness in Fuzzy Logics, in Notre Dame Journal of Formal Logic, vol. 50(2), pp. 153-183, 2009
- A. Ciabattoni, G. Metcalfe, and F. Montagna. Algebraic and Proof-theoretic Characterizations of Truth Stressers for MTL and its Extensions, in Fuzzy Sets and Systems, vol. 161, pp. 369-389, Elsevier, 2010
- C.G. Fermüller and G. Metcalfe. Giles's Game and the proof Theory of Lukasiewicz Logic, in Studia Logica, vol. 92, pp. 27-61, 2009
- A. Ciabattoni and G. Metcalfe. Density elimination, in Theor. Comput. Sci., vol. 403(2-3), pp. 328-346, 2008
- A. Ciabattoni, G. Metcalfe, F. Montagna. Algebraic and proof-theoretic characterizations of truth stressers for MTL and its extensions, in Fuzzy Sets and Systems, vol. 161(3), pp. 369-389, 2010
- A. Ciabattoni and T. Vetterlein. On the (fuzzy) logical content of CADIAG-2, in Fuzzy Sets and Systems, 2009, in press
- *C.G. Fermüller and G. Metcalfe. Giles's Game and the proof Theory of Lukasiewicz Logic, in Studia Logica, vol. 92, pp. 27-61, 2009
- *F. Bobillo and F. Bou and U. Straccia. On the Finite Model Property in Fuzzy Description Logics, Fuzzy Sets and Systems, submitted
- *Félix Bou and Francesc Esteva and Lluís Godo and Ricardo Oscar Rodriguez. On the Minimum Many-Valued Modal Logic over a Finite Residuated Lattice, in Journal of Logic and Computation, 2010 in press

F. Bou, F. Esteva, J. M. Font, A. Gil, L. Godo, A. Torrens, V. Verdú. Logics preserving degrees of truth from varieties of residuated lattices, in *Journal of Logic and Computation*, vol. 19(6), pp. 1031-1069, 2009

*Francesc Esteva, Lluís Godo, Carles Noguera. First-order t-norm based fuzzy logics with truth-constants: distinguished semantics and completeness properties, in *Annals of Pure and Applied Logic*, vol. 161, pp. 185 - 202, 2009

*Francesc Esteva, Lluís Godo, Carles Noguera. On expansions of WNM t-norm based logics with truthconstants, in *Fuzzy Sets and Systems*, vol. 161, pp. 347 - 368, 2010

Francesc Esteva, Lluís Godo, Carles Noguera. Expanding the propositional logic of a t-norm with truthconstants: completeness results for rational semantics, in *Soft Computing*, vol. 14, pp. 273 - 284, 2010

Franco Montagna, Carles Noguera. Arithmetical complexity of first-order predicate fuzzy logics over distinguished semantics, in *Journal of Logic and Computation*, vol. In press, 2010

*Carles Noguera, Francesc Esteva, Lluís Godo. Generalized continuous and left-continuous t-norms arising from algebraic semantics for fuzzy logics, in *Information Sciences*, vol. 180(8), pp. 1354–1372, Elsevier, 2010

SSEAC

Aleskerov, F., Nurmi, H., A Method for finding patterns of party support and electoral change: An analysis of British general and Finnish municipal elections. *Mathematical and Computer Modelling* 48, pp. 1385-1395, 2008.

Ballester, M.A., García-Lapresta, J.L., A model of elitist qualification. *Group Decision and Negotiation* 17, pp. 497-513, 2008.

Ballester, M.A., García-Lapresta, J.L., Sequential consensus for selecting qualified individuals of a group. *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems* 16, pp. 57-68, 2008.

Ballester, M.A., García-Lapresta, J.L., A recursive group decision making procedure for choosing qualified individuals. *International Journal of Intelligent Systems* 24, pp. 889-901, 2009.

Berghammer, R., Applying relation algebra and RelView to solve problems on ordered sets and lattices. *Acta Informatica* 45, pp. 211-236, 2008.

Berghammer, R., Winter, M., Embedding mappings and splittings with applications. *Acta Informatica*, in press.

Berghammer, R., Rusinowska, A., de Swart, H., An interdisciplinary approach to coalition formation. *European Journal of Operational Research*, Vol. 195(2), pp. 487–496, 2009.

Berghammer, R., Rusinowska, A., de Swart, H., Applying relation algebra and RelView to measures in a social network. *European Journal of Operational Research* 202, 182-195, 2010.

Berghammer, R., Rusinowska, A., de Swart, H., A relation-algebraic approach to simple games. GATE Working Paper 2009-13, Submitted.

de Andrés, R., García-Lapresta, J.L., An endogenous human resource selection model based on linguistic assessments. *Neural Network World*. Forthcoming.

de Andrés, R., García-Lapresta, J.L., Martínez, L., A multi-granular linguistic model for management decision-making in performance appraisal. *Soft Computing* 14, pp. 21-34, 2010.

- De Ridder, A., Rusinowska, A., On some procedures of forming a multi-partner alliance, *Journal of Economics and Management Strategy* 17(2), pp. 443-487, 2008.
- De Ridder, Rusinowska, Saiz, Hendrix, Coalition formation: the role of procedure and policy flexibility, GATE Working Paper 2008-06, Submitted, 2008.
- Díaz, S., García-Lapresta, J.L., Montes, S., Consistent models of transitivity for reciprocal preferences on a finite ordinal scale. *Information Sciences* 178 (13), pp. 2832-2848, 2008.
- Eklund, P., Rusinowska, A., de Swart, H., A consensus model of political decision-making. *Annals of Operations Research* 158, pp. 5-20, 2008.
- García-Lapresta, J.L., Favoring consensus and penalizing disagreement in group decision making. *Journal of Advanced Computational Intelligence and Intelligent Informatics* 12 (5), pp. 416-421, 2008.
- García-Lapresta, J.L., Llamazares, B., Preference intensities and majority decisions based on difference of support between alternatives. *Group Decision and Negotiation*. Forthcoming, doi 10.1007/s10726-009-9156-z.
- García-Lapresta, J.L., Marley, A.A.J., Martínez-Panero, Characterizing best-worst voting systems in the scoring context. *Social Choice and Welfare*, Forthcoming. doi: 10.1007/s00355-009-0417-1.
- García-Lapresta, J.L., Martínez-Panero, M., Linguistic-based voting through centered OWA operators. *Fuzzy Optimization and Decision Making* 8, pp. 381-393, 2009.
- García-Lapresta, J.L., Martínez-Panero, M., Meneses, L.C., Defining the Borda count in a linguistic decision making context. *Information Sciences* 179, pp. 2309-2316, 2009.
- García-Lapresta, J.L., Meneses, L.C., Modeling rationality in a linguistic framework. *Fuzzy Sets and Systems* 160, pp. 3211-3223, 2009.
- García-Lapresta, J.L., Marques Pereira, R.A., The self-dual core and the anti-self-dual remainder of an aggregation operator. *Fuzzy Sets and Systems* 159, pp. 47-62, 2008.
- Grabisch, M., Rusinowska, A., A model of influence with an ordered set of possible actions. *Theory and Decision*, Forthcoming, 2009.
- Grabisch, M., Rusinowska, A., Measuring influence in command games. *Social Choice and Welfare* 33, pp. 177-209, 2009.
- Grabisch, M., Rusinowska, A., A model of influence in a social network. *Theory and Decision*, Forthcoming, 2009.
- Nurmi, H., Raunio, T., Helin, J., The best represented voters in Europe: An a priori voting power analysis of the 2004 elections for the European Parliament, *Homo Oeconomicus* 24(3-4), pp. 485-500, 2008.
- Nurmi, H., Salonen, H., More Borda count variations for project assessment, *AUCO Czech Economic Review* 2(2), 109-22, 2008.
- Rusinowska, A., The Hoede-Bakker index modified to the Shapley-Shubik and Holler-Packel indices, *Group Decision and Negotiation*, Forthcoming, 2009.
- Rusinowska, A., de Swart, H., Negotiating a stable government: an application of bargaining theory to a coalition formation model. *Group Decision and Negotiation* 17, pp. 445-464, 2009.

Schmidt, G., Berghammer, R., Relational measures and integration in preference modeling, *Journal of Logic and Algebraic Programming* 76 , pp. 112-129, 2008.

Van den Brink, R., Rusinowska, A., Steffen, Measuring power and satisfaction in societies with opinion leaders: properties of the qualified majority case, *GATE Working Paper*, 2009-01, Submitted.

Zahid, M., de Swart, H., The Borda majority count. Submitted.

VAAG

*Gärdenfors, Peter and Massimo Warglien (submitted). Using conceptual spaces to model actions and events. Submitted to *Journal of Semantics*.

Krifka, Manfred (2009). Approximate interpretations of number words: A case for strategic communication. In Erhard Hinrichs & John Nerbonne (eds.), *Theory and evidence in semantics*, 109-132. Stanford: CSLI Publications.

*Kuvač-Kraljević, J. Hržica, G., Palmović, M., Krbot, M., Šefer, A.B., Padovan, N., Išgum, V. (in press). Društvena istraživanja, Zagreb.

Meyer, Marie-Christine and Uli Sauerland (2009). A pragmatic constraint on ambiguity detection: A rejoinder to Büring and Hartmann and to Reis. *Natural Language and Linguistic Theory* 27. 139-150.

*Palmović, M., Išgum, V., Kuvač-Kraljević, J., Padovan, N., Krbot, M., Šefer, A.B., Hržica, G., Kovačević, M. (in press) Kategorizacija i neodređenost: kako su pojmovi pohranjeni u umnom rječniku. (Categorization and vagueness: how concepts are organized in mental lexicon. Društvena istraživanja, Zagreb.

*Solt, S. (submitted). Q-adjectives and the semantics of quantity. Submitted to *Journal of Semantics*.

Published contributions to international conferences

CFSC

D. Porello and U. Endriss. Modelling Combinatorial Auctions in Linear Logic. Proceedings of the 12th International Conference on the Principles of Knowledge Representation and Reasoning (KR), 2010.

D. Baumeister, F. Brandt, F. Fischer, J. Hoffmann, and J. Rothe. The complexity of computing minimal unidirectional covering sets. To appear in the Proceedings of the 7th International Conference on Algorithms and Complexity (CIAC), Lecture Notes in Computer Science (LNCS). Springer-Verlag, 2010.

C. Lindner. A Market-Affected Sealed-Bid Auction Protocol. To appear in the Proceedings of the 6th Hellenic Conference on Artificial Intelligence (SETN), Athens, Greek, May 2010.

U. Endriss, U. Grandi, and D. Porello. "Complexity of Judgment Aggregation: Safety of the Agenda". Proceedings of the 9th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS), 2010.

- H. Aziz, F. Brandt, and P. Harrenstein. Monotone cooperative games and their threshold versions. In W. van der Hoek and G. A. Kaminka, editors, Proceedings of the 9th International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS), 2010.
- F. Brandt, M. Brill, F. Fischer, and P. Harrenstein. Minimal retentive sets in tournaments. In W. van der Hoek and G. A. Kaminka, editors, Proceedings of the 9th International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS), 2010.
- M. Roos and J. Rothe. Complexity of Social Welfare Optimization in Multiagent Resource Allocation. To appear in the proceedings of the 9th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS), Toronto, Canada, May 2010.
- E. Elkind, P. Faliszewski, A. Slinko, On the Role of Distances in Defining Voting Rules, To appear in the proceedings of the 9th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS), Toronto, Canada, May 2010.
- L. Xia, V. Conitzer, and J. Lang. Aggregating Preferences in Multi-Issue Domains by Using Maximum Likelihood Estimators. In W. van der Hoek and G. A. Kaminka, editors, Proceedings of the 9th International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS), 2010.
- I. Caragiannis, J. A. Covey, M. Feldman, C. M. Homan, C. Kaklamanis, N. Karanikolas, A. D. Procaccia, and J. S. Rosenschein. On the Approximability of Dodgson and Young Elections. The ACM-SIAM Symposium on Discrete Algorithms (SODA), pages 1058-1067, New York, January 2009.
- E. Elkind, D. Pasechnik, Computing the Nucleolus of Weighted Voting Games, The ACM-SIAM Symposium on Discrete Algorithms (SODA), New York, January 2009.
- Y. Bachrach, E. Elkind, R. Meir, D. Pasechnik, M. Zuckerman, J. Rothe, and J. S. Rosenschein. The Cost of Stability in Coalitional Games. The Second International Symposium on Algorithmic Game Theory (SAGT), Paphos, Cyprus, October 2009, pages 122-134.
- G. Erdélyi and J. Rothe. Control Complexity in Fallback Voting. To appear in the proceedings of Computing: the 16th Australasian Theory Symposium (CATS), Brisbane, Australia. Australian Computer Society, Conferences in Research and Practice in Information Technology Series, January 2010.
- P. Faliszewski, E. Hemaspaandra, L. Hemaspaandra, and J. Rothe. The Shield that Never Was: Societies with Single-Peaked Preferences are More Open to Manipulation and Control. Proceedings of the 12th Conference on Theoretical Aspects of Rationality and Knowledge (TARK), Stanford University, Palo Alto, USA. ACM Digital Library, pp. 118-127, July 2009.
- G. Erdélyi, H. Fernau, J. Goldsmith, N. Mattei, D. Raible, and J. Rothe. The Complexity of Probabilistic Lobbying. Proceedings of the 1st International Conference on Algorithmic Decision Theory (ADT), Venice, Italy. Springer-Verlag Lecture Notes in Artificial Intelligence 5783, pp. 86-97, October 2009.
- C. Lindner and J. Rothe. Degrees of Guaranteed Envy-Freeness in Finite Bounded Cake-Cutting Protocols. Proceedings of the 5th Workshop on Internet & Network Economics (WINE), Rome, Italy. Springer-Verlag Lecture Notes in Computer Science 5929, pp. 149-159, December 2009.
- D. Porello. Logic and Pragmatics: Linear Logic for Inferential Practice. Proc. Towards an Analytic Pragmatism (TAP), CEUR Vol. 444, 2009.
- D. Porello. Dimensioni di Voto e Coerenza. Proceedings of the 6th Congress of the Italian Society of Cognitive Science (AISC-2009), 2009.

- E. Elkind, P. Faliszewski, A. Slinko, On distance rationalizability of some voting rules, Proceedings of the 12th Conference on Theoretical Aspects of Rationality and Knowledge (TARK), Stanford University, Palo Alto, USA. ACM Digital Library, 2009.
- E. Elkind, P. Faliszewski, A. Slinko, Swap Bribery, The Second International Symposium on Algorithmic Game Theory (SAGT), Paphos, Cyprus, October 2009.
- G. Chalkiadakis, E. Elkind, M. Polukarov, N. Jennings, The Price of Democracy in Coalition Formation, Proceedings of the 8th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS), Budapest, Hungary, 2009.
- Y. Bachrach, R. Meir, M. Zuckerman, J. Rothe, and J. S. Rosenschein. The Cost of Stability in Weighted Voting Games (Extended Abstract). The Eighth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS), Budapest, Hungary, May 2009, pages 1289-1290.
- E. Elkind, M. Wooldridge, Hedonic Coalition Nets, Proceedings of the 8th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS), Budapest, Hungary, 2009.
- P. Faliszewski, E. Elkind, M. Wooldridge, Boolean Combinations of Weighted Voting Systems, Proceedings of the 8th International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS), Budapest, Hungary, 2009.
- G. Chalkiadakis, E. Elkind, N. Jennings, Simple Coalitional Games with Beliefs, In the Twenty-First International Joint Conference on Artificial Intelligence (IJCAI), 2009.
- U. Endriss, M. S. Pini, F. Rossi, and K. Brent Venable. Preference Aggregation over Restricted Ballot Languages: Sincerity and Strategy-Proofness. Proc. 21st International Joint Conference on Artificial Intelligence (IJCAI), 2009.
- L. Xia, M. Zuckerman, A. D. Procaccia, V. Conitzer, and J. S. Rosenschein. Complexity of Unweighted Coalitional Manipulation Under Some Common Voting Rules. The Twenty-First International Joint Conference on Artificial Intelligence (IJCAI), Pasadena, California, July 2009, pages 348-353.
- P. Faliszewski, E. Hemaspaandra, and L. Hemaspaandra. Multimode Control Attacks on Elections, Proceedings of the 21st International Joint Conference on Artificial Intelligence (IJCAI), AAAI Press and IJCAI, pp. 128–133, July 2009.
- V. Conitzer, J. Lang, L. Xia: How Hard Is It to Control Sequential Elections via the Agenda? In the Twenty-First International Joint Conference on Artificial Intelligence (IJCAI), pp. 103-108, Pasadena, CA, USA, 2009.
- L. Xia and V. Conitzer. Finite Local Consistency Characterizes Generalized Scoring Rules. In the Twenty-First International Joint Conference on Artificial Intelligence (IJCAI), pp. 336-341, Pasadena, CA, USA, 2009.
- S. Bouveret, U. Endriss, J. Lang: Conditional Importance Networks: A Graphical Language for Representing Ordinal, Monotonic Preferences over Sets of Goods. In the Twenty-First International Joint Conference on Artificial Intelligence (IJCAI), 67-72, 2009.
- L. Xia, J. Lang: A Dichotomy Theorem on the Existence of Efficient or Neutral Sequential Voting Correspondences. In Proceedings of the 21st International Joint Conference on Artificial Intelligence (IJCAI), 342-347, July 2009.
- Y. Chevaleyre, J. Lang, N. Maudet, and G. Ravilly-Abadie. Compiling the votes of a subelectorate. In Proceedings of the 21st International Joint Conference on Artificial Intelligence (IJCAI), July 2009.

V. Conitzer, M. Rognlie, and L. Xia. Preference Functions That Score Rankings and Maximum Likelihood Estimation. In the Twenty-First International Joint Conference on Artificial Intelligence (IJCAI), pp. 109-115, Pasadena, CA, USA, 2009.

DiFoS

Christian Geist, Benedikt Löwe, Bart Van Kerkhove, Peer review and knowledge by testimony in mathematics, submitted for publication.

Sujata Ghosh, Benedikt Löwe, Sanchit Saraf, Pointer Semantics with Forward Propagation, in: Ben Goertzel, Pascal Hitzler, Marcus Hutter (eds.), Artificial General Intelligence, Proceedings of the Second Conference on Artificial General Intelligence, AGI 2009, Arlington, Virginia, USA, March 6-9, 2009, Atlantis Press, Amsterdam 2009 [Advances in Intelligent Systems Research 8], pp. 37-42.

* Reinhard Kahle: The Universal Set A (never fought) Battle between Philosophy and Mathematics. In Olga Pombo and Ángel Nepomuceno (editors): *Lógica e Filosofia da Ciência. Coleção Documenta*, vol. 2, pp. 53-65. Centro de Filosofia das Ciências da Universidade de Lisboa, 2009.

Benedikt Löwe, Eric Pacuit, Sanchit Saraf, Identifying the structure of a narrative via an agent-based logic of preferences and beliefs: Formalizations of episodes from CSI: Crime Scene InvestigationTM, in: Michael Duvigneau, Daniel Moldt (eds.), MOCA'09, Fifth International Workshop on Modelling of Objects, Components, and Agents, Hamburg 2009 (ILLC Publication Series PP-2009-33).

Benedikt Löwe, Thomas Müller, Eva Wilhelmus, Mathematical knowledge: a case study in empirical philosophy of mathematics. To appear in: *Proceedings Perspectives on Mathematical Practice 2007*.

Benedikt Löwe, Thomas Müller, Skills and mathematical knowledge, submitted for publication.

* Peter Schroeder-Heister: Sequent Calculi and Bidirectional Natural Deduction: On the Proper Basis of Proof-Theoretic Semantics. In M. Peliš (ed.), *The Logica Yearbook 2008*, London: College Publications 2009, pp. 237-251.

* Luca Tranchini: The meaning of negation. A proposal", in M. Peliš (ed.), *The Logica Yearbook 2008*, London: College Publications, 2009.

* Luca Tranchini: Truth: an Anti-realist Adequacy Condition, in Piotr Stalmaszczyk (ed.), *Philosophy of Language and Linguistics, Volume I: The Formal Turn*, Ontos Verlag, Heusenstamm bei Frankfurt, 2010.

* Luca Tranchini: Refutation: a proof-theoretic account", in L. Bellotti ((a cura di), ETS, Pisa, 2010.

* Sara L. Uckelman, The reception of St. Anselm's logic in the 20th and 21st centuries, to appear in G. Gasper & I. Logan, eds., *Proceedings of the Saint Anselm of Canterbury and His Legacy Conference*.

* Sara L. Uckelman, Computing with concepts, computing with numbers: Llull, Leibniz, & Boole, invited paper for special session "Reasoning as Computation: From Leibniz to Boole", *Computability in Europe 2010*, Ponta Delgada (Azores), Portugal, 30 June - 4 July 2010, submitted for publication.

*Bartosz Więckowski: On truth in time. In Stalmaszczyk, P. (ed.), *Philosophy of Language and Linguistics. Volume 1: The Formal Turn*. Heusenstamm: Ontos-Verlag, 381-410, 2010.

GASICS

Kalyon, G. and Le Gall, T. and Marchand, H. and Massart, T. Contrôle décentralisé de systèmes symboliques infinis sous observation partielle. In *Journal Européen des Systèmes Automatisés (7ème Colloque Francophone sur la Modélisation des Systèmes Réactifs)*. Volume 43/7-9. pp 805-819.

LcpR

V. Biazzo, A. Gilio, G. Sanfilippo (2008), "Generalized coherence and connection property of imprecise conditional previsions", *Proceedings of IPMU'08 (L. Magdalena, M. Ojeda-Aciego, J.L. Verdegay, eds)*, Torremolinos (Malaga), Spain, June 22-27, 2008, 907-914.

V. Biazzo, A. Gilio, G. Sanfilippo (2009), "On general conditional random quantities", *Proc. of the 6th Intern. Symposium on Impr. Probability: Theories and Applications Intern. Symposium on Impr. Probability: Theories and Applications (ISIPTA'09)*, Durham, United Kingdom, July 14 - 18, 51-60, 2009.

V. Biazzo, A. Gilio, G. Sanfilippo (2009), "On general conditional prevision assessments", *Proc. of the 8th Workshop on Uncertainty Processing (WUPES'09)*, Liblice, Czech Republic, September 19 - 23, 23-34, 2009.

*Fugard, A. J. B., Pfeifer, N., Mayerhofer B., and Kleiter, G. D. (2009). How people interpret an uncertain If. In *Proceedings of the 8th Workshop on Uncertainty Processing, Liblice*, pp. 80-91.

*R. Jirousek. Conditional Independence and Compositional Models for Belief Functions. In: *Proceedings of 11th Czech-Japan Seminar on Data Analysis and Decision Making under Uncertainty*. Sendai, Japan, 2008, pp. 75-80.

*R. Jirousek. Compositional Belief Function Models. In: *Proceedings of Joint 4th International Conference on Soft Computing and Intelligent systems and 9th International Symposium on Advanced Intelligent Systems*. Nagoya, Japan, 2008, pp. 1311-1316.

*R. Jirousek Radim. Almost Bayesian Assignments and Conditional independence: a contribution to Dempster-Shafer theory of evidence. In: *Proceedings of the 6th International Symposium on Imprecise Probability: Theories and Applications, ISIPTA09*. Durham, UK, 2009, pp. 249-258.

*R. Jirousek, J. Vejnarova. There are Combinations and Compositions in Dempster-Shafer Theory of Evidence. In: *Proceedings of the 8th Workshop on Uncertainty Processing, WUPES'09, Liblice, Czech Republic*. Prague, 2009, pp. 100-111

Kistler, M. « Explication mécaniste et causalité descendante », in Thierry Martin (éd.), *L'unité de la science*, Ed. Vuibert, 2009.

Kistler, M. (in press) « Causation Across Levels, Constitution, and Constraint », in Mauricio Suárez, Mauro Dorato, Miklós Rédei (eds.), *EPSA Philosophical Issues in the Sciences : Launch of the European Philosophy of Science Association*, Springer

V. Kratochvil. Motivation for Different Characterization of Equivalent Persegrams. In: *Proceedings of the 12th Czech-Japan seminar on Data Analysis and Decision Making under Uncertainty, Litomyšl*, 2009, pp. 67-78.

V. Kratochvil. Equivalence Problem in Compositional Models. In: *Proceedings of the 8th Workshop on Uncertainty Processing, WUPES'09, Liblice, Czech Republic*. Prague, 2009, pp 133-143.

*P. Savicky, J. Vomlel. Triangulation heuristics for BN2O networks. In *Proceedings ECSQARU 2009*. Springer LNAI 5590, pp. 566–577, 2009.

*J. Vomlel, P. Savicky. An experimental Comparison of Triangulation Heuristics on Transformed BN20 Networks. In: Proceedings of the 8th Workshop on Uncertainty Processing, WUPES'09, Liblice, Czech Republic. Prague, 2009, pp 251-260.

*J. Vomlel and P. Savicky. Arithmetic circuits of the noisy-or models. In: the Proceedings of the Fourth European Workshop on Probabilistic Graphical Models (PGM'08). Hirtshals, Denmark, 2008, pp. 297-304.

Schurz, G. (2009), Meta-Induction is an Optimal Prediction Strategy: Applying Prediction Strategy to the Philosophical Problem of Induction", in: *Proceedings of the 18th Annual Belgian-Dutch Conference on Machine Learning*, Univ. of Tilburg, Tilburg 2009, 66-74

*M. Vomlelova, J. Vomlel. Applying Bayesian Networks in the Game of Minesweeper. In: Proceedings of the 12th Czech-Japan seminar on Data Analysis and Decision Making under Uncertainty, Litomyšl, 2009, pp. 153-162.

LINT

Samson Abramsky and R. Jagadeesan, Game semantics for access control, in *Proceedings of MFPS 25*, Electronic Notes in Theoretical Computer Science 249, 2009, 135-156.

Dietmar Berwanger and Laurent Doyen, On the power of imperfect information, in *Proceedings of FSTTCS'08 – Foundations of Software Technology and Theoretical Computer Science*, Leibniz International Proceedings in Informatics 2, Leibniz-Zentrum für Informatik, 2008.

Dietmar Berwanger, Krishnendu Chatterjee, Martin De Wulf, Laurent Doyen and Thomas A. Henzinger, Alpaqa: A tool for solving parity games with imperfect information in *Proceedings of TACAS'09 - Tools and Algorithms for the Construction and Analysis of Systems*, LNCS 5505, Springer, 2009, 58-61.

Dietmar Berwanger and Sophie Pinchinat, Game quantification patterns, in *Proceedings of ICLA'09 – Logic and Applications*, LNAI 5378, Springer, 2009, 116-130.

* Denis Bonnay and Dag Westerståhl, Logical consequence inside out, in *Proceedings of the 17th Amsterdam Colloquium*, Lecture Notes in Computer Science, Springer, 10 pages, 2010, to appear.

Erich Grädel, Banach-Mazur games on graphs, *FSTTCS'08 – Foundations of Software Technology and Theoretical Computer Science*, Leibniz International Proceedings in Informatics 2, Leibniz-Zentrum für Informatik, 2008.

* Lauri Hella and Antti Kuusisto, Monadic Σ^1_1 and modal logic with quantified binary relations. To appear in *Proceedings of Methods for Modalities 6*, 2010.

* Juha Kontinen and Ville Nurmi, Team logic and second-order logic, *Proceedings of WoLLIC 2009*, Springer Lecture Notes in Computer Science 5514, 2009.

Andrzej Murawski and Nikos Tzevelekos, Full abstraction for reduced ML, in *FoSSaCS'09: Proceedings of the 12th International Conference on Foundations of Software Science and Computation Structures*, LNCS 5504, 2009, 32-47.

Andrzej Murawski and Nikos Tzevelekos, Block structure vs. scope extrusion: between innocence and omniscience, to appear in *FoSSaCS'10: Proceedings of the 13th International Conference on Foundations of Software Science and Computation Structures*, (2010).

Luke Ong and Nikos Tzevelekos, Functional reachability, in *LiCS'09: Proceedings of the 24th IEEE Annual Symposium on Logic in Computer Science*, IEEE Computer Society Press, 2009, 286-295.

LoMoReVI

*E. Marchioni, G. Metcalfe. Interpolation properties for uninorm based logics, in ISMVL2010, Barcelona (Spain), 2010, in press

E. Marchioni. A model-theoretic analysis of classes of MV algebras, in *Topology, Algebra and Categories in Logic*. Institute for Logic, Language and Computation, Amsterdam (Netherlands), July 7-11, 2009

E. Marchioni. Advances in the theory of μ LPI-algebras, in *Algebra and Probability in Many-Valued Logics*. Technische Universität Darmstadt, Darmstadt (Germany), May 7-9, 2009

E. Marchioni. Amalgamation for residuated structures through quantifier elimination, in *LATD 2008 - Logic, Algebra and Truth Degrees 2008*, Siena, 2008

*Christian G. Fermüller. Dialogue games and the proof theory of fuzzy logics - a review and outlook, in *Linz Fuzzy Set Seminar 2009, The Legacy of 30 Seminars - Where do we stand and where do we go?*, U. De Baets, U Bodenhofer et al. (eds.), 2009

*Christian G. Fermüller. On the interpretation of t-norm based fuzzy logics, in *LATD 2008 - Logic, Algebra and Truth Degrees 2008*, Siena

*Christian G. Fermüller. Giles's Game and the Proof Theory of Lukasiewicz Logic, in *Probability, Uncertainty and Rationality*, Pontignano, Italy, 2009

*Christian G. Fermüller. Fuzzy Logic and Vagueness: Can Philosophers Learn from Petr Hájek?, in *Witnessed Years: Essays in Honour of Petr Hájek*, Petr Cintula, Zuzana Hanikova, Vitesslav Svejdar (eds.), College Publications, 2009

*Michal Pelis. Logická argumentace mezi agenty, in *Kognice 2009*, pp. 213-219, Gaudeamus, 2009 (in Czech)

*Milan Daniel. Belief conditioning rules for classic belief functions, in *Proceedings of WUPES 2009*, Tomas Kroupa, Jirina Vejnarova (eds.), pp. 46-56, University of Economics, Prague, 2009

*Milan Daniel. Belief Conditioning in DSMT, in *Proceedings of 12th Czech-Japan Seminar on Data Analysis and Decision Making under Uncertainty*, Vilem Novak, Viktor Pavliska, Martin Stepnicka (eds.), pp. 29-40, 2009

Agata Ciabattoni, Thomas Vetterlein, Klaus-Peter Adlassnig. A Formal Logical Framework for Cadiag-2, in *Proceedings of the 30th MIE conference (Sarajevo 2009)*, 2009

Thomas Vetterlein, Klaus-Peter Adlassnig. T-norm based fuzzy logic and logics for reasoning under vagueness, in *Proceedings of the Joint EUSFLAT and IFSA conference (Lisbon 2009)*, pp. 1085-1090, 2009

*Karel Chvalovsky. On the Independence of Axioms in BL and MTL, in *Doktorandske dny '08*, F. Hakl (ed.), pp. 28-36, Ustav informatiky AV CR, v. v. i. & MATFYZPRESS, 2008

*Martin Holena. Genetic algorithms for the optimization of catalysts in chemical engineering, in *World Congress on Engineering and Computer Science*, pp. 969-974, 2008

*Karel Chvalovsky. Syntactic Approach to Fuzzy Modal Logics in MTL, in *Doktorandske dny '09*, D. Kuzelova (ed.), pp. 35-43, Ustav informatiky AV CR, v. v. i. & MATFYZPRESS, 2009

*Marco Cerami, Francesc Esteva, Felix Bou. Decidability of a Description Logic over infinite-valued Product Logic, in Proceedings KR2010, in press

Marco Cerami, Francesc Esteva. First order SMTL logic and quasi-witnessed models, in Proc. ESTYLF2010, A. Pelegrin (ed.), pp. 145-150, 2010

Angel Garcia-Cedaña, Eva Armengol, Francesc Esteva. Fuzzy Description Logics and Triangular Norm Based Fuzzy Logics: adding truth constants to the language, in Proceedings IFSA-EUSFLAT 2009, pp. 891-896, 2009

*Martin Holena, David Linke and Norbert Steinfeldt. Boosted Neural Networks in Evolutionary Computation, in ICONIP (2), Chi Sing Leung, Minho Lee and Jonathan H. Chan (eds.), pp. 131-140, Springer Berlin / Heidelberg, 2009

*Petr Cintula and Carles Noguera. First-order (semilinear) implicational logics, in Proceedings of TACL 2009, pp. 1-4, University of Amsterdam, 2009 (Abstract)

Petr Cintula. From (Deductive) Fuzzy Logic to (Logic-Based) Fuzzy Mathematics, in Symbolic and Quantitative Approaches to Reasoning with Uncertainty, Claudio Sossai and Gaetano Chemello (ed.), vol. 5590, pp. 14-15, Springer Berlin / Heidelberg, 2009 (abstract to invited talk)

*Pere Pardo; Pilar Dellunde; Lluís Godo. Secure and Optimal Base Contraction in Graded Lukasiewicz Logics, in Proceedings of the 12th International Conference of the Catalan Association for Artificial Intelligence, S. Sandri, M. Sanchez-Marre and U. Cortes (eds.), vol. 202, pp. 265-274, IOS Press, 2009

*Pere Pardo; Pilar Dellunde; Lluís Godo. Base Belief Change for Finitary Monotonic Logics, in 13th Conference of the Spanish Association for Artificial Intelligence, CAEPIA 2009, Sevilla, pp. 337-346 , 2009

*Pilar Dellunde; Lluís Godo; Enrico Marchioni. Exploring Extensions of Possibilistic Logic over Gödel logic, in 10th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty , vol. 5590, pp. 923–934, Springer-Verlag, 2009

M. Baaz and G. Metcalfe. Herbrand Theorems and Skolemization for Fuzzy Logics, in Proceedings of CIE 2008, A. Beckmann, C. Dimitracopoulos, and B. Löwe (eds.), vol. 5028, pp. 22-31, Springer, 2008

G. Metcalfe and N. Olivetti. Proof Systems for a Gödel Modal Logic, in Proceedings of TABLEAUX 2009, M. Giese and A. Waaler (ed.), vol. 5607, pp. 265-279, Springer, 2009

A. Ciabattoni and G. Metcalfe. Density Elimination and Rational Completeness for First-Order Logics, in Symposium on Logical Foundations of Computer Science (LFCS'07), vol. 4514, pp. 132-146, 2007

M. Baaz, A. Ciabattoni, C. G. Fermüller. Cut Elimination for First Order Gödel Logic by Hyperclause Resolution , in Proceedings of the 15th International Conference on Logic for Programming, Artificial Intelligence, and Reasoning, vol. 5530, pp. 451-466, 2008

A. Ciabattoni, N. Galatos, K. Terui. From Axioms to Analytic Rules in Nonclassical Logics, in Logic in Computer Science, pp. 229-240, IEEE, 2008

Baaz, A. Ciabattoni, N. Preining. SAT in Monadic Goedel Logics: a borderline between decidability and undecidability, in Proceedings of the 16th International Workshop on Logic, Language, Information and Computation, vol. 5514, pp. 113-124, 2009

*F. Bou, F. Esteva, L. Godo, and R. Rodríguez. Characterizing fuzzy modal semantics by fuzzy multimodal systems with crisp accessibility relations., in Proc. of the Joint 2009 IFSA World Congress and 2009 EUSFLAT Conference, Lisbon, Portugal, 20-24 July 2009, pp. 1541-1546, 2009

*Petr Cintula, Carles Noguera. An abstract approach to fuzzy logics: implicational semilinear logics, in Proceedings of IFSA-EUSFLAT 2009, pp. 519-524, 2009

*C.G. Fermüller, Ch. Roschger. Bridges Between Contextual Linguistic Models of Vagueness and T-norm Based Fuzzy Logic, in Proceedings of the 8th Workshop on Uncertainty Processing, T. Kroupa, J. Vejnárova (eds.), pp. 69-78, 2009

*Ch. Roschger. Evaluation Games for Shapiro's Logic of Vagueness in Context, in The Logica Yearbook 2009, M. Pelis (ed.), College Publications, 2010, in press

*F. Esteva, Ll. Godo, R.O. Rodríguez, T. Vetterlein. On the logics of similarity-based approximate and strong entailment, Proceedings of the 15th Spanish Congress on Fuzzy Logic and Technology (Huelva 2010).

SSEAC

Berghammer, R., Brassel, B., Computing and visualizing closure objects using relation algebra and RelView, In: CASC 2009, *Lecture Notes in Computer Science (LNCS)* 5743 (eds. V.P. Gerdt et al.), pp. 29-44, 2009.

de Andrés, R., García-Lapresta, J.L., Jiménez, M., A decision making procedure for designing human resources management. In: *Computational Intelligence in Decision and Control* (eds. D. Ruan, J. Montero, J. Lu, L. Martínez, P. D'hondt, E.E. Kerre). World Scientific, Singapore, pp. 799-804, 2008.

de Swart, H., Berghammer, R., Rusinowska, A., Computational social choice using relation algebra and RelView. In: RelMiCS / AKA 2009, *Lecture Notes in Computer Science (LNCS)* 5827 (eds. R. Berghammer et al.), pp. 13-28, 2009.

Fronk, A., Berghammer, R., A relation-algebraic approach to liveness of place/transition nets. In: RelMiCS / AKA 2009, *Lecture Notes in Computer Science (LNCS)* 5827 (eds. R. Berghammer et al.), pp. 103-118, 2009.

García-Lapresta, J.L., Martínez-Panero, M., Sorting alternatives into linguistic classes and their aggregation. In: *Computational Intelligence in Decision and Control* (eds. D. Ruan, J. Montero, J. Lu, L. Martínez, P. D'hondt, E.E. Kerre). World Scientific, Singapore, pp. 531-536, 2008.

García-Lapresta, J.L., Pérez-Román, D., Some consensus measures and their applications in group decision making. In: *Computational Intelligence in Decision and Control* (eds. D. Ruan, J. Montero, J. Lu, L. Martínez, P. D'hondt, E.E. Kerre). World Scientific, Singapore, pp. 611-616, 2008.

Llamazares, B., García-Lapresta, J.L., Extension of some voting systems to the field of gradual preferences. In: *Fuzzy Sets and Their Extensions: Representation, Aggregation and Models. Intelligent Systems from Decision Making to Data Mining, Web Intelligence and Computer Vision* (eds. H. Bustince, F. Herrera, J. Montero). Springer-Verlag, Berlin, pp. 297-315, 2008.

Nurmi, H., [Some fundamental problems of opinion modeling with implications to committee composition and social choice](#). In: *Proceedings of FUZZ-IEEE 2009, ICC Jeju, Korea*, pp. 987-991, August 20-24, 2009.

Schmidt, G., Berghammer, R., Contact relations with applications. In: RelMiCS / AKA 2009, *Lecture Notes in Computer Science (LNCS)* 5827 (eds. R. Berghammer et al.), pp. 306-321, 2009.

VAAG

Marklund, Petter, Sverker Sikström, Rasmus Bååth and Lars-Göran Nilsson (2009). Age effects on semantic coherence: Latent semantic analysis applied to letter fluency data. Third International Conference on Advances in Semantic Processing, Malta, October 11-16, 2009

van Rooij, Robert (to appear), Non-monotonic reasoning in Interpretation - recent developments [with K. Schulz]. In J. van Benthem & A. ter Meulen (eds.), Update of the Handbook of Logic and Language as supplement of chapter 14 'Non-monotonicity in linguistics', by R. Thomason.

van Rooij, Robert (2010). Extending syllogistic reasoning. To appear in M. Aloni et al. (eds.) Proceedings of the Seventeenth Amsterdam Colloquium. Lecture Notes in Computer Science.

van Rooij, Robert (2010). Strategic vagueness and appropriate contexts [with K. de Jaegher]. To appear in A. Benz et al. (eds.), Language and Games, Springer.

van Rooij, Robert (2010). Implicit versus explicit comparatives. In P. Egge and N. Klinedinst (eds.), Vagueness and Language Use. Houndsmill, UK: Palgrave MacMillan.

van Rooij, Robert (2010). Vagueness and linguistics. In Ronzitti (ed.), Vagueness: A Guide. Springer.

van Rooij, Robert (2010). Semi-orders and satisficing behavior. In New Frontiers in Artificial Intelligence: JSAI2000, Conference and Workshops, Revised selected papers, Springer.

*Solt, Stephanie (2010). Much support and more. To appear in M. Aloni et al. (eds.) Proceedings of the Seventeenth Amsterdam Colloquium. Lecture Notes in Computer Science.

*Solt, Stephanie (2010). Attributive quantity words as nonrestrictive modifiers. To appear in the Proceedings of the 39th Meeting of the Northeast Linguistics Society.

News & View-type articles

CFSC

V. Conitzer. Making Decisions Based on the Preferences of Multiple Agents. Communications of the ACM. In press.

F. Faliszewski, E. Hemaspaandra, and L. Hemaspaandra. Using Complexity to Protect Elections, Communications of the ACM. In press.

LcpR

*Pfeifer, N, Fugard, A. J. B., and Kleiter, G. D. (2009). Summary of ProbNet09. *The Reasoner*, 3(4), pp. 5-6.

*Unterhuber, M. (2009). Conditionals, 11th May [Report on the Workshop: Conditionals – A One-Day Workshop at the University of Duesseldorf]. *The Reasoner*, 3(8), pp. 5-6.

Other articles

LcpR

*Beck, S.R., Riggs, K.J. (forthcoming) Counterfactuals and reality. Chapter in Oxford Handbook of the Development of the Imagination. M. Taylor (Ed.) OUP.

*Beck, S.R., Riggs, K. J., Burns, P.L. (forthcoming) Multiple developments in counterfactual thinking. Chapter in Understanding Counterfactuals / Understanding Causality, C. Hoerl, T. McCormack, S. Beck (Eds.) OUP.

V. Kratochvil: Equivalence problem in compositional models. In: Proceedings of PhD student conference, Faculty of nuclear Physics, Czech Technical University, Prague, December 2008.

V. Kratochvil. Different Approaches of Study Direct Equivalence Characterization. In: Proceedings of PhD student conference, Faculty of nuclear Physics, Czech Technical University, Prague, December 2009.

Perner, J., & Rafetseder, E. (submitted). Counterfactual and other forms of conditional reasoning: Children Lost in the Nearest Possible World. In C. Hoerl, T. McCormack, & S. R. Beck (Eds.), *Understanding Counterfactuals / Understanding Causation*. New York, NY: Oxford University Press.

Pfeifer, N. & Kleiter, G. D. (in press). Uncertain deductive reasoning. In K. Manktelow, Over, D. E., and S. Elqayam (Eds.), *The science of reasoning: A Festschrift for Jonathan St. BT Evans*. Hove, UK: Psychology Press.

*Pfeifer, N. & Kleiter, G. D. (in press). The conditional in mental probability logic. In M. Oaksford & N. Chater (Eds.), *Cognition and conditionals: Probability and logic in human thought*. Oxford: Oxford University Press.

*Schurz, G., Revised version of: "Prototypes and their Composition from an Evolutionary Point of View", to appear in: Hinzen, W., Machery, E., and Werning, M. (Eds.): *The Oxford Handbook of Compositionality*, Oxford Univ. Press, Oxford University Press 2010.

Schurz, G., Submitted: Ceteris Paribus Laws (Stanford Encyclopedia of Philosophy Entry, together with A. Huettemann and A. Reutlinger)

LoMoReVI

Christian G. Fermüller. Dialogue Games as Foundation of Fuzzy Logics, in *Views on Fuzzy Sets and Systems from Different Perspectives*, R. Seising, J. Kacprzyk (eds.), pp. 229 - 247, Springer, 2009 (edited collection)

*Christian G. Fermüller. Truth value intervals, Bets, and Dialogue Games, in *Logica Yearbook 2008*, Michal Pelis (ed.), Collegue Publications, 2009

Christian G. Fermüller. Revisiting Giles's Game - Reconciling Fuzzy Logic and Supervaluation, in *Games: Unifying Logic, Language, and Philosophy*, O. Majer, T. Tulenheimo, A. Pietarinen (eds.), pp. 209 - 227, Springer, 2009 (edited collection)

*Milan Daniel. Chapter 10: Analysis of DS_m belief conditioning rules and extension of their applicability, in *Volume 3 of Advances and Applications of DS_mT for Information Fusion*, Florentin Smarandache, Jean Dezert (eds.), pp. 323-343, American Research Press, 2009 (edited collection)

*Petr Hájek. Review of N.J.J. Smith *Vagueness and Degrees of Truth*, in press in *Notre Dame Review* Christian G. Fermüller, Review of N.J.J. Smith *Vagueness and Degrees of Truth*, in press in *Australasian Logic Journal*

*Thomas Vetterlein. Plausible reasoning and graded information: a unified approach, 2010, (draft)

*Zuzana Hanikova. Logics with truth constants for delimiting idempotents, (1055), pp. 1-9, Institute of Computer Science, 2009, (technical report)

*Milan Daniel. New approach to conflicts within and between belief functions, (1062), 2009, (technical report)

SSEAC

Nurmi, H., Voting Theory. <http://www2.eco.uva.es/presad/SSEAC/nurmi06-1.pdf>

Rusinowska, A., On the not-preference-based Hoede-Bakker index, in: Petrosjan and Mazalov (Eds.) *Game Theory and Applications*, Vol. XIII, Chapter 9, pp. 127-141, Nova Science Publishers, Inc. New York, 2008.

Zahid, M., Majority judgment theory and paradoxical results.
<http://www2.eco.uva.es/presad/SSEAC/ZahidPaperfinal.pdf>

VAAG

*Gärdenfors, Peter and Massimo Warglien (to appear). The development of semantic space for pointing and verbal communication. To appear in J. Hudson, U. Magnusson and C. Paradis (eds.), *Conceptual Spaces and the Construal of Spatial Meaning. Empirical Evidence from Human Communication*. Cambridge: Cambridge University Press.

*Sauerland, Uli and Penka Stateva (2010). Two Types of Vagueness. In: Paul Egge and Nathan Klinedinst (eds.) *Vagueness and Language Use*. Palgrave Studies in Pragmatics, Language and Cognition. Houndsmill, UK: Palgrave MacMillan

Book chapters

DiFoS

*Reinhard Kahle and Anton Setzer: An extended predicative definition of the Mahlo universe. In Ralf Schindler (editor): *Ways of Proof Theory. Mathematical Logic*, Ontos Verlag, 2010.

* Reinhard Kahle: Modalities without worlds. In Giuseppe Primiero (editor): *(Anti)Realism. The Realism-Antirealism Debate in the Age of Alternative Logics*. Springer. 2010.

*Peter Schroeder-Heister: Generalized elimination inferences, higher-level rules, and the implications-as-rules interpretation of the sequent calculus. In: Edward Hermann Haeusler, Luiz Carlos Pereira and Valeria de Paiva (eds.), *Advances in Natural Deduction*, Springer, Berlin 2010.

* Sara L. Uckelman, Reasoning about the trinity: a modern formalization of a medieval system of trinitarian logic, in A. Schumann, ed., *Logic in Religious Discourse (Ontos)*, 216-239, 2010.

Published abstract

DiFoS

Reinhard Kahle: Understanding functional self-application. *Bulletin of Symbolic Logic*, 15(2009), 118-119 (Abstract for the Logic Colloquium 2008).

Contribution to national conference

DiFoS

*Peter Schroeder-Heister: Schluß und Umkehrschluß: Ein Beitrag zur Definitionstheorie. Carl Friedrich Gethmann (Hrsg.), *Lebenswelt und Wissenschaft. Akten des XXI. Deutschen Kongresses für Philosophie* (Essen, 15.-19. September 2008). *Deutsches Jahrbuch Philosophie*, Bd. 3, 2009.

Review

DiFoS

*Bartosz Więckowski: Review of Metcalfe G., Olivetti, N. & Gabbay, D., *Proof Theory for Fuzzy Logics*, (Springer 2009). *Bulletin of Symbolic Logic*. 2010.

Thesis

GASICS

R. Brenguier. Calcul des équilibres de Nash dans les jeux temporisés. Master Thesis

Books

As editors

CFSC

Handbook of Approval Voting, eds. J. Laslier and R. Sanver, Springer, to appear. (contains a chapter on "Computational Aspects of Approval Voting" by D. Baumeister, G. Erdelyi, E. Hemaspaandra, L. Hemaspaandra, and J. Rothe and a chapter on "Approval as an Intrinsic Part of Preference" by R. Sanver).

DiFoS

Klaus Ambos-Spies, Benedikt Löwe, Wolfgang Merkle (eds.), *Mathematical Theory and Computational Practice, Fifth Conference on Computability in Europe, CiE 2009, Heidelberg, Germany, July 2009, Proceedings, Heidelberg 2009* [Lecture Notes in Computer Science 5635].

Margaret Archibald, Vasco Brattka, Valentin Goranko, Benedikt Löwe, *Infinity in Logic and Computation*, Heidelberg 2009 [Lecture Notes in Artificial Intelligence, FoLLI Subseries 5489].

Arnold Beckmann, Costas Dimitracopoulos, Benedikt Löwe (eds.), *Logic and Theory of Algorithms*, Fourth Conference on Computability in Europe, CiE 2008, Athens, Greece, June 2008, Proceedings, Heidelberg 2008 [Lecture Notes in Computer Science 5028].

Arnold Beckmann, Benedikt Löwe, (eds.), *Computability in Europe 2006*, special issue of the journal *Theory of Computing Systems*, (Volume 43, Issue 3/4, 2008).

Sam Buss, S. Barry Cooper, Benedikt Löwe, Andrea Sorbi, *CiE 2007: Logic and Computation in the Real World*, special issue of the journal *Annals of Pure and Applied Logic* (Volume 160, Issue 3, September 2009).

Mihir Chakraborty, Benedikt Löwe, Madhabendra Nath Mitra, Sundar Sarukkai (eds.), *Logic, Navya-Nyaya & Applications*, Homage to Bimal Krishna Matilal, London 2008 [Studies in Logic 15].

S. Barry Cooper, Benedikt Löwe, Andrea Sorbi, *CiE 2007: Logic and Computation in the Real World*, special issue of the journal *Journal of Logic and Computation* (Volume 19, Issue 1, February 2009).

S. Barry Cooper, Benedikt Löwe, Andrea Sorbi (eds.), *New Computational Paradigms: Changing Conceptions of what is Computable*, New York 2008.

Erich Grädel and Reinhard Kahle (editors): *Computer Science Logic*. Lecture Notes in Computer Science, vol. 5771, Springer, 2009.

Alexander S. Kechris, Benedikt Löwe, John R. Steel (eds.), *Games, Scales, and Suslin Cardinals*, The Cabal Seminar, Volume I, Cambridge University Press, Cambridge 2008 [Lecture Notes in Logic 31].

Benedikt Löwe, Eric Pacuit, Jan-Willem Romeijn (eds.), *Foundations of the Formal Sciences VI, Probabilistic Reasoning and Reasoning with Probabilities*, London 2009 [Studies in Logic 16].

LcpR

C. Hoerl, T. McCormack, S. Beck (Eds.) *Understanding Counterfactuals / Understanding Causality*, OUP, forthcoming

LoMoReVI

Logical Models of Reasoning with Vague Information, P. Cintula, C. Fermüller, L. Godo, P. Hájek (editors), College Publications, London, in preparation

SSEAC

R. Berghammer, Ali Mohamed Jaoua, B. Möller, *Proceedings RelMiCS / AKA 2009*, Lecture Notes in Computer Science (LNCS) 5827, 2009.

VAAG

van Rooij, Robert (2009). Special issue on vagueness, In *Synthese*, an International Journal in Philosophy.

* Krifka, Manfred, Rick Nouwen, Robert. van Rooij , Uli Sauerland and Hans-Christian Schmidt (eds.) (in preparation). *Vagueness in Communication*, Springer. [Proceedings of the ESSLLI Workshop on Vagueness in Communication]

Sauerland, Uli and Kazuko Yatsushiro (eds.) (2009). *Semantics and Pragmatics: From Experiment to Theory*. Houndsmill, UK: Palgrave MacMillan.

As authors

CFSC

P. Faliszewski, E. Hemaspaandra, L. Hemaspaandra, and J. Rothe. A Richer Understanding of the Complexity of Election Systems. Chapter 14 in "Fundamental Problems in Computing: Essays in Honor of Professor Daniel J. Rosenkrantz," pp. 375-406, S. Ravi and S. Shukla, editors. Springer, 2009.

DiFoS

Jesse Alama, *Formal Proofs and Refutations*, Ph.D. dissertation, Department of Philosophy, Stanford University, USA, June 2009.

* Uckelman, Sara L. *Modalities in Medieval Logic*, Ph.D. dissertation, University of Amsterdam, 2009. ILLC Dissertation Series DS-2009-04.

LINT

* Allen Mann, Gabriel Sandu and Martin Sevenster, *The Game of Logic: A New Approach to Independence-Friendly Logic*, forthcoming, Cambridge University Press, in preparation under contract.

Francois Rivenc and Gabriel Sandu, *Entre logique et langage*, Vrin, Paris, 2009.

LoMoReVI

* Manfred Baerns and Martin Holena. *Combinatorial Development Of Solid Catalytic Materials: Design of High-Throughput Experiments, Data Analysis, Data Mining*, vol. 7, World Scientific Publishing Company, 2009

Other

LINT

Pieter Adriaans and Johan van Benthem, *Handbook of the Philosophy of Information*, <http://www.illc.uva.nl/HPI/>, Elsevier Science Publishers, Amsterdam, 2008.

VAAG

Rasmus Bååth (2010). ChildFreq: An Online Tool to Explore Word Frequencies in Child Language. LUCS Minor, 15 (Online tool : <http://childfreq.sumsar.net>).

Presentations at Meetings

Oral presentations

CFSC

D. Porello: "Games and Dialogues in Proof Theory", LogICCC Meeting on Games and Dialogues, Lille, France, February 2010.

E. Elkind: "Complexity of Safe Strategic Voting", Workshop on algorithmic aspects of game theory and social choice (invited talk), Auckland, New Zealand, February 2010.

M. Brill: "Minimal Retentive Sets in Tournaments", Workshop on algorithmic aspects of game theory and social choice (invited talk), Auckland, February 2010.

C. Lindner: "Not Everyone Likes Mushrooms: Fair Division and Degrees of Guaranteed Envy-Freeness", Workshop on algorithmic aspects of game theory and social choice (invited talk), Auckland, New Zealand, February 2010.

J. Rothe: "The Shield that Never Was: Societies with Single-Peaked Preferences are More Open to Manipulation and Control", Workshop on algorithmic aspects of game theory and social choice (invited talk), Auckland, New Zealand, February 2010.

F. Brandt: "Set-Rationalizable Choice and Self-Stability", Workshop on Choice Theory (invited talk), Paris, France, January 2010.

L. Hemaspaandra: The Shield that Never Was: Societies with Single-Peaked Preferences Are More Open to Manipulation and Control, Second New York Colloquium on Algorithms and Complexity, New York, USA, November 2009.

J. Rothe: Computational Foundations of Social Choice: A Short Project Overview, 2nd GASICS Meeting, RWTH Aachen, Germany, October 2009.

D. Baumeister: A Computational Analysis of Minimal Unidirectional Covering Sets, 2nd GASICS Meeting, RWTH Aachen, Germany, October 2009.

C. Lindner: Not Everyone Likes Mushrooms: Fair Division and Degrees of Guaranteed Envy-Freeness, 2nd GASICS Meeting, RWTH Aachen, Germany, October 2009.

U. Endriss: "Logic and Social Choice Theory", LogICCC meets China Meeting, Chongqing, China, October 2009.

U. Grandi: "Complexity of Judgment Aggregation", LogICCC meets China Meeting, Chongqing, China, October 2009.

E. Elkind: "Voting: A View through the Algorithmic Lens ", 10th International Conference on Electronic Commerce and Web Technologies (invited talk), Linz, Austria, September 2009.

F. Brandt: "Tournament Solutions", PHAC Workshop (invited talk), Paris, France, June 2009.

E. Elkind: "Distance Rationalizability of Voting Rules", PHAC Workshop (invited talk), Paris, France, June 2009.

U. Endriss: "Computational Social Choice" (invited talk), International Conference on Social Informatics (SocInfo-2009), Warsaw, Poland, June 2009.

D. Baumeister: A Computational Analysis of Minimal Unidirectional Covering Sets, Research Meeting on Social Software and Computational Social Choice, Lyon, France, April 2009.

C. Lindner: Not Everyone Likes Mushrooms: Fair Division and Degrees of Guaranteed Envy-Freeness, Research Meeting on Social Software and Computational Social Choice, Lyon, France, April 2009.

J. Rothe: Llull and Copeland Voting Computationally Resist Bribery and Control, Research Meeting on Social Software and Computational Social Choice, Lyon, France, April 2009.

F. Brandt & J. Rothe: Computational Foundations of Social Choice, LogICCC Launch Conference. Prague, Czech Republic, October 2008.

DiFoS

* Jesse Alama, A formal proof of Euler's polyhedron formula, invited presentation given in the University of Lisbon Philosophy of Science seminar, Lisbon, Portugal, March 17, 2009.

* Jesse Alama, Expressibility of basic properties of combinatorial polyhedra in FOL and extensions, presentation given at CSL 2009: Computer Science Logic, Coimbra, Portugal, September 10, 2009.

* Jesse Alama, Expressibility of some basic properties of polyhedra in FOL and extensions, presentation given at Days in Logic 2010, Porto, Portugal, January 29, 2010.

* Jesse Alama, 7.10.2009: Dialogues and arguments in mathematical proofs. ' LogICCC meets China' Day, Beijing.

Reinhard Kahle, 12.9.09: The Quest of Consistency, Gentzen Centenary, Coimbra, Portugal.

* Reinhard Kahle, 30.6.09: Hilbert and Poincaré and the Paradoxes, Poincaré Seminar, CFCUL, Lisbon, Portugal. Invited.

* Reinhard Kahle, 29.1.10. Extended Predicativity, Days in Logic 2010, Porto, Portugal.

* Benedikt Lowe, "Crime Scene Investigation: The doxastic structure of a TV series", AP-CAP 2008, Bangalore, India (Asia-Pacific Computing and Philosophy). Invited.

Thomas Piecha, Inversion and the admissibility of logical rules. 2 presentations: PLS7 (7th Panhellenic Logic Symposium, Patras, Greece, 15.-19.7.2009 (contributed paper); IHPST, Paris, 25.11.2009, Invited.

*Peter Schroeder-Heister, 11.10.2008. Definitional Reflection and Basic Logic. Workshop: Advances in Constructive Topology, in honour of G. Sambin's 60th birthday. Padova.

*Peter Schroeder-Heister, 31.10.2008. The Categorical and the Hypothetical: A critique of certain fundamental assumptions of standard semantics. Workshop: Philosophy of Logical Consequence, Uppsala. Invited.

*Peter Schroeder-Heister, 15.4.2009. Bidirectional Reasoning. Workshop: The Fundamental Idea of Proof Theory, ENS Paris. Invited.

* Peter Schroeder-Heister, 27.-31.7.2009. Proof-Theoretic Semantics. Advanced Course, ESSLI Summer School, Bordeaux.

*Peter Schroeder-Heister, 16.9.2009: Proof-Theoretic Semantics: Assertion and Denial. GAP7, Bremen.

*Peter Schroeder-Heister, 25.10.09: Assertion and Denial in Proof-Theoretic Semantics. Workshop on Denial. St. Andrews (Scotland). Invited

*Peter Schroeder-Heister, 25.11.09: Proof-theoretic semantics. IHPST, Paris. Invited.

Peter Schroeder-Heister, 11.2.10: Implications-as-rules versus implications-as-links: An alternative to the left implication introduction rule in Gentzen's sequent calculus. IHPST, Paris. Invited.

* Luca Tranchini, The meaning of negation: A proposal: 3 presentations: Logica 2008, Hejnice, Czech Republic, 16-20th June, 2008; Negation and Denial, workshop organized by the Centro de Filosofia da Universidade de Lisboa, Lisbon, Portugal, 8-10th July, 2008; Sifa 2008, 8th conference organized by the Italian Society for Analytic Philosophy, Bergamo, Italy, 25-27th September, 2008.

* Luca Tranchini, Proof and Truth. An anti-realist perspective, presented at: Seminario Congiunto SUM-Coordinamento Nazionale Dottorati di Ricerca in Filosofia, conference organized by the Italian Institute of Human Sciences (SUM) and by the coordination of the Italian Ph.D. programs in Philosophy, Florence, Italy, 30 September-1 October 2009.

* Luca Tranchini, Truth: an Anti-realist Adequacy Condition, 2 presentations: PhiLang2009, organized by the Department of English and General Linguistics at University of Łódź, Łódź, Poland, 16-18th May, 2009; G.A.P. 7, Bremen, Germany, 14-17th September 2009

* Luca Tranchini, Falsificationism: Dualizing proof--theoretic , presented at: The Logic of Denial, Workshop, ARCHE' research center, St. Andrews University, 24-25 October, 2009, invited.

* Luca Tranchini, Truth, Proofs and Dialogues: remarks on the architecture of a semantic theory. 2 presentation: Dialogues and Games: Historical Roots and Contemporary Models, Lille, France, 8 February 2010; IHPST Paris, 11 February 2010. Invited.

* Sara Uckelman, Three 13th-century views of quantified modal logic, Advances in Modal Logic, Nancy, France, 9 - 12 September 2008.

* Sara Uckelman, Dialogue games before Lorenzen: A brief introduction to obligations, LogICCC Launch Conference, Prague, Czech Republic, 5 - 7 October 2008.

* Sara Uckelman, Anselm's logical writings in the context of recent trends in logic, Saint Anselm of Canterbury and His Legacy, Canterbury, England, 22 - 25 April 2009.

* Sara Uckelman, Indian logic and medieval western logic: some comparative remarks', A Day of Indian Logic, Amsterdam, the Netherlands, 2 November 2009.

* Sara Uckelman, Logic and the condemnations of 1277, International Medieval Congress, Leeds, England, 13 - 16 July 2009.

* Sara Uckelman, Obligations: Dialogues or Games? Tutorial at: Dialogues and Games: Historical Roots and Contemporary Models, Lille, France, 8 February 2010. Invited.

GASICS

(RWTH, PI1) The team leader was invited to give one of the two "integrated keynote lectures" at ETAPS 2009 in York, the leading European conference in software science (consisting of five subconferences and several affiliated workshops). The lecture gave an overview of the history and challenges of the game-theoretic approach in the synthesis of programs

(U ALBORG, PI2): Invited Talk on "Probabilistic Modal Transition Systems". COMBEST meeting on Interfaces, Rennes (F), March 3-4, 2009. (Kim Larsen)

(U ALBORG, PI2): Keynote on "Verification and Controller Synthesis of Real-Time Systems". 3rd Int. Conf. on Fundamentals of Software Engineering, FSEN09, April 15-17, Kish Island, Iran. (Kim Larsen)

(U ALBORG, PI2): Invited Talk on "Verification and Performance Analysis of Real-Time and Embedded Systems" at Joint China/Denmark Symposium on ICT, April 21-23, 2009, Odd Fellow Palæ, Copenhagen. (Kim Larsen)

(U ALBORG, PI2): Invited Talk on "Quantitative and Compositional Model Checking" at 7th Int. Andrei Ershov Memorial Conference, June 15-19, 2009, Novosibirsk, Russia. (Kim Larsen)

(U ALBORG, PI2): Invited Tutorial on "Real-Time Systems Validation and Synthesis" at Software Engineering Summer School, July 15-22, SEI East China Normal University, Shanghai, China. (Kim Larsen)

(U ALBORG, PI2): Invited Tutorial on "Real-Time Systems Validation and Synthesis" at ARTIST Summer School in China, July 19-24, 2009, Tsinghua University, Beijing, China. (Kim Larsen)

(U ALBORG, PI2): Keynote on "Verification and Performance Analysis of Embedded Systems" at TASE, 3rd IEEE Int. Symp. On Theoretical Aspects of Software Engineering, July 29 - 31, 2009, Tianjin, China. (Kim Larsen)

(U ALBORG, PI2): Invited Tutorial on "Validation, Performance Analysis and Synthesis of Embedded Systems" at ARTIST Summer School in Europe, September 7-11, 2009, Autrans (F). (Kim Larsen)

(U ALBORG, PI2): Invited talk on "On Determinism in Modal Transition Systems" at Symposium for Mogens Nielsen's 60th birthday, October 3-4, 2009, Aarhus, Denmark (Kim Larsen with Nikola Benes, Jan Kretinsky and Jiri Srba).

(U ALBORG, PI2): Invited talk on "Playing Games with Timed Interfaces" at Workshop on Foundations and Applications of Component-Based Design, Grenoble, France, October 11. (Kim Larsen and Axel Legay).

(U ALBORG, PI2): Invited talk on "Optimal and Real Time Scheduling using Model Checking Technology" at OR Day, Aarhus, Denmark, November 4, 2009. (Jacob Illum and Kim Larsen)

(U ALBORG, PI2): Invited talk on "Model-based GUI testing using UPPAAL at Novo Nordisk" at FMWeek Industry Day, Eindhoven, The Netherlands, November 5, 2009. (Jacob Illum and Ulrik Hjorth).

(U ALBORG, PI2): Invited talk on "Real-Time Interfaces" at FMCO, Eindhoven, The Netherlands, November 6, 2009. (Kim Larsen)

(U ALBORG, PI2): Invited talk on "Quantitative Modal Logics for Specification and Verification" at Methods for Modalities, Copenhagen, Denmark, November 13, 2009. (Kim Larsen)

(U ALBORG, PI2): Invited talk on "Priced Timed Automata: Theory and Tools" at FSTTCS, Kanpur, India, December 15-17, 2009. (Kim Larsen)

(U ALBORG, PI2): Invited lectures on "Validation, Performance Analysis and Synthesis of Embedded Systems" at CoSBI Centre, Trento, Italy, February 15-19, 2010. (Kim Larsen)

(U ALBORG, PI2): Invited lecture on "Validation, Performance Analysis and Synthesis of Embedded Systems" at AVACS Summerschool, Oldenburgh, Germany, March 15-19, 2010. (Kim Larsen)

(U ALBORG, PI2): Invited talk at the British Colloquium for Theoretical Computer Science, Edinburgh, Scotland, April 6-9, 2010. (Kim Larsen)

(U ALBORG, PI2): Invited tutorial at Weighted Automata: Theory and Applications, Leipzig, Germany, May 3-7, 2010. (Kim Larsen)

(U ALBORG, PI2): Keynote at ACSD, Braga, Portugal, June 21-25, 2010. (Kim Larsen)

(U ALBORG, PI2): Invited lectures on "Model-based Verification and Analysis for Real-Time Systems" at NATO Summerschool, Marktoberdorf, August 3-15, 2010 (Kim Larsen).

(U ALBORG, PI2): Invited talk at 4th workshop on Reachability Problems, Brno, Czech Republic, August 27-29, 2010. (Kim Larsen)

(CFV, PI3): Invited talk at TACAS 2010, Cyprus, March 2010 (Jean-François Raskin).

(CFV, PI3): Lecturer at Summer School "Games", Bertinoro (I), May 31-June 6, (Jean-François Raskin).

(CFV, PI3): Invited talk at the General Meeting of the Authomatha project, Liège, 2009 (Jean-François Raskin).

(CFV, PI3) : Lecuturer AVACS Summerschool, Oldenburgh, Germany, March 15-19, 2010. (Jean-François Raskin)

(CFV, PI3) : Lecuturer QMC Artist School, Copenhagen, Danmark, March 2-5, 2010. (Jean-François Raskin)

LcpR

Burns, P.L., Beck, S.R., Riggs, K.J. (2009) What might have been: feelings of regret and counterfactual understanding in children. Paper presentation at European Society for Philosophy and Psychology, Budapest, Hungary.

Burns, P.L., Beck, S.R., Riggs, K.J. (2009) What might have been: feelings of regret and counterfactual understanding in children. Paper presentation at British Psychological Society, Developmental Section, Nottingham, UK.

*Fugard, A. J. B. & Pfeifer, N. What does probability have to do with how people reason? Salzburger Gesellschaft für Psychologie, 13.01.2010.

*Fugard, A. J. B., Pfeifer, N, Mayerhofer, B., and Kleiter, G.D. (2009, September) "How people interpret an uncertain if" . Talk at WUPES, Liblice, 19-23rd Sept 2009

- *Fugard, A. J. B., Pfeifer, N., Mayerhofer, B., and Kleiter, G.D. (2009, July) "Conditional interpretation in a generalized probabilistic truth table task". Talk at the 4th London Reasoning Workshop, 27-28th July, Birkbeck College, London.
- A. Gilio (2008), "Probabilistic reasoning under coherence; some general aspects". Presentation at LogiCCC Launch Conference, LcpR Project, Prague, Czech Republic, 5-7 October, 2008. (talk)
- A. Gilio (2009), "Generalization of inference rules in probabilistic default reasoning". Workshop PROBNET09, 19-23 February 2009, University of Salzburg. (talk)
- A. Gilio (2009), "Probabilistic Reasoning Under Coherence: Basic Aspects on Coherence (Part I); Imprecise Probability Assessments (Part II)", Workshop PROBNET09, 19-23 February 2009, University of Salzburg. (tutorial; invited)
- A. Gilio, D. Over (2009), "Probabilistic reasoning: Inferring conditionals from disjunctions". LogiCCC Working Day, LCPR Group, Liblice, Czech Republic, 23 September 2009. (talk; joint presentation with D. Over)
- Kistler, M., "Mental and Downward Causation" (invited), Seminar "Serious Metaphysics Group", University of Cambridge (UK), 18 november 2008.
- Kistler, M, « Interventionism and Causal Exclusion » (invited), International workshop « Modèles Informatiques et Cognitifs du Raisonnement Causal », Toulouse 8-10 juin 2009.
- Kistler, M, « Inter-level Causation, Constitution, and Constraint », World Congress of ISHPSSB (Philosophy of Biology), Brisbane, 12-15 July 2009.
- Kistler, M, « The interventionist account of causation and non-causal determination » (invited), International Conference of SOPHA (Francophone Society for Analytic Philosophy), Geneva, 5 september 2009.
- Kistler, M, « The interventionist account of causation and non-causal determination », LogiCCC Workshop, Liblice, Czeck republic, 23 september 2009.
- Kistler, M, « Interventionism, epiphenomenalism, and difference-making », International conference of SPS (Francophone Society for Philosophy of Science), Paris, 12-14 november 2009.
- *Kleiter, G. D., Investigating the model space of essential graphs, ProbNet09, Salzburg 2009
- *Kleiter, G. D., Inferences with imprecise conditionals, LcpR workshop, Düsseldorf 2009
- *Kleiter, G. D., WUPES09, Structuring essential graphs
- *Kleiter, G. D, Soft probability logic, Logical Models of Reasoning with Vague Information 2009, Cejkovice, Czech Republic, 14-17 September 2009, LoMoReVI
- *Kleiter, G. D., Reasoning with second order probability distributions, 5th International Workshop on Data-Algorithms-Decision Making, November 29-December 1 2009, Pilsen, Czech Republic
- *Perner, J. (2009). *Delimiting Counterfactual Reasoning*. Paper presented at the ESF-LogiCCC day (23 September 2009) at WUPES-09 (Workshops on Uncertainty Processing), Liblice, Czech Republic.
- *Pfeifer, N., Kratzer, L., Fugard, A. J. B. & Kleiter, G. D. Do people understand probabilistic (non-)informativeness? 4th London Reasoning Workshop, London (UK), 27.-28.7.2009.

- *Pfeifer, N., Kratzer, L. & Kleiter, G. D. What do people think about the paradoxes of the material conditional? Talk. PROBNET'09 (The Logic of Causal and Probabilistic Reasoning in Uncertain Environments) workshop, Salzburg (Austria), 19.02.-23.02.2009.
- *Rafetseder, E. & Perner, J. (2009, August). *Children's counterfactual reasoning and their experience of regret*. Paper presented at The 17th Annual Meeting of the European Society for Philosophy and Psychology, Budapest, Hungary.
- *Rafetseder, E. & Perner, J. (2009, May). *Reasoning with subjunctive (counterfactual) and indicative conditionals: A comparison of children, adolescents, and adults*. Paper presented at the conditionals workshop, Düsseldorf, Germany.
- *Rafetseder, E. & Perner, J. (2009, February). *What if children don't reason counterfactually when asked counterfactual questions?* Paper presented at the PROBNET09 workshop on Logic of Causal and Probabilistic Reasoning in Uncertain Environments. Salzburg, Austria.
- *Rafetseder, E. & Perner, J. (2008, June). *Do children consider the nearest possible world when reasoning counterfactually*. Paper presented at The 16th Annual Meeting of the European Society for Philosophy and Psychology, Utrecht, Netherlands.
- *Schurz, G., "Probabilistically Reliable Conditional Reasoning: from Psychology to Logic". Talk at the Duesseldorf-Workshop "Conditionals" 11.05.09
- Schurz, G., "Meta-Induction is an Optimal Prediction Strategy: Applying Non-Probabilistic Prediction Theory to the Philosophical Problem of Induction" Talk at the Machine Learning Conference "Benelearn" in Tilburg, 18.05.09 .
- *Schurz, G., "Inferences among Probabilistic Conditionals with Uncertainty-Sum-Semantics and with Threshold-Semantics: Applications and Axiomatizations" , Talk at the Leuven-Worksho "Conditionals and Conditionalization" 03.-06. 09. 2009
- *Schurz, G., "A Chellas-Type Semantics for System P", 21.02.09 (together with M. Unterhuber): PROBNET09: The Logic of Causal and Probabilistic Reasoning in Uncertain Environments, Salzburg
- *Thorn, Paul: 'Defeasible Conditionalization' (presented at *the Research Colloquium of the Chair of Theoretical Philosophy*, University of Duesseldorf, November, 2009).
- *Thorn, Paul: 'Two Problems of Direct Inference' (presented at *the Research Colloquium of the Chair of Theoretical Philosophy*, University of Duesseldorf, June, 2009).
- *Unterhuber, M., "Non-Monotonic Reasoning, Defaults and Philosophy", Matthias Unterhuber, 12.01.10, Research Colloquium of the Chair of Theoretical Philosophy, University of Duesseldorf
- Unterhuber, M., "Logik der Konditionale und nichtmonotones Schließen" [Logic of Conditionals and Non-Monotonic Reasoning], Matthias Unterhuber, 22.10.09, Philosophy Colloquium, Institute of Philosophy, University of Salzburg
- *Unterhuber, M., "Defaults, Prototypical Properties and Inconsistencies. Theoretical Considerations for Three Empirical Investigations", Matthias Unterhuber, 23.9.09, LogiCCC Day at Wupes, Libice, Czech Republic
- Unterhuber, M., "Kanger's Multimodal Program in Applied Ethics", Matthias Unterhuber, 16.09.09, GAP7 Conference (German Association for Analytic Philosophy), Bremen

*Unterhuber, M., "A Chellas Semantics for Uncertain Conditionals", 23.06.09, Research Colloquium of the Chair of Theoretical Philosophy, University of Duesseldorf

*Unterhuber, M., "Logik der Konditionale" [Conditional Logic], 13.05.09, Matthias Unterhuber, Philosophical Colloquium, University of Duesseldorf

*Unterhuber, M., "A Chellas-Type Semantics for System P", 21.02.09, Matthias Unterhuber (together with G. Schurz): PROBNET09: The Logic of Causal and Probabilistic Reasoning in Uncertain Environments, Salzburg

LINT

Johan van Benthem:

1. Logic, Qualitative Belief Revision, and Social Choice, fall 2008, TiLPS Tilburg, The Netherlands.
2. Logic and Information Dynamics, fall 2008, invited talk, Tsinghua University, Beijing, China.
3. Logic and Information Dynamics, invited lecture series Tsinghua University, fall 2008, Beijing, China.
4. Dynamic Epistemic Logic and Epistemology, What is a Logical Constant?, invited talk, fall 2008, Beijing Normal University, China.
5. Uncovering the Notions of Information in Logic, invited talk, fall 2008, Beijing Logic Forum, Peking University, Beijing, China.
6. Information Flow Across the University, invited talk, fall 2008, Tsinghua University, Beijing, China.
7. Games, Proofs and Reasons, Meeting Logicians at Work, invited talk, fall 2008, Tsinghua University, Beijing, China.
8. Information by Deduction and by Realization, invited talk, 7th Conference on Logic and Cognition, November 10-13, 2008, ILC, Guangzhou, China.
9. The Logic of Intelligent Interaction, invited talk, Workshop on Social Agency, 2009, IMS, Chennai, India.
10. Decisions, Actions and Games, a logical perspective, invited talk, ICLA-III Third Indian Logic Conference, January 7-11, 2009, Chennai, India.
11. Intelligence Seldom Comes Alone, invited talk, Science Cafe, April 3, 2009, Nijmegen, The Netherlands.
12. Modeling Intelligent Interaction, invited talk, 2009, JAIST, Kanazawa, Japan.
13. A Logical Perspective on Solving Games, invited talk, Institute of Modern Logic, Philosophy of Science, and Technology, 2009, Renmin University, Beijing, China.
14. Logical Dynamics of Information Flow, invited talk, 2009, Institute of Philosophy, Chinese Academy of Social Sciences, Beijing, China
15. Modal Lindström Theorems and Weak Abstract Model Theory, May 22, 2009, invited talk, UCLA Mathematics, Los Angeles.

16. Merging Logical Dynamics and Probabilistic Update, invited talk, Prolog Workshop, September 17-19, 2009, Groningen, The Netherlands.

17. * Logic and Rational Agency, keynote talk, LORI-II, October 6-11, 2009, Chongqing, China.

18. From Common Sense to Mathematical Proof, invited talk, EpiconFor Conference, November 12-14, 2009, Nancy, France.

19. Logical Dynamics and Philosophy of Science, invited talk, Annual Conference Spanish Society of Logic, Methodology and Philosophy of Science, November 18-21, 2009, Valencia, Spain.

Denis Bonnay:

1. * Logical constants. Course (partly together with Dag Westerståhl) at the 21st European Summer School in Logic, Language and Information, Bordeaux, France, July 20-31, 2009.

2. * Logical consequence inside out. Invited talk at the workshop Logique et Philosophie, SOPHA, Geneva, Switzerland, 3.9.2009.

3. * Logical consequence inside out (with Dag Westerståhl), 17th Amsterdam Colloquium, 18.12.2009.

Dietmar Berwanger:

1. * On the fragility of perfect information, keynote talk, "LogiCCC meets China" Day at the Workshop on Logic, Rationality and Interaction, October 2009, Chongqing, China.

2. * Imperfect-information games for system design - Models, Application, and Tools. Invited talk at the workshop on Practical Synthesis for Concurrent Systems, June 2009, Grenoble, France.

3. Information tracking in Distributed Games, Invited talk at the Workshop on Automata, Concurrency and Timed Systems, February 2010, Chennai, India.

Fredrik Engström:

* Logical constants and invariants, talk at the Mittag-Leffler Institute, Stockholm, Sweden, 22.10.2009.

Pietro Galliani:

1. * Equilibria in semantic games. Invited talk at the 1st Workshop on Logic and Strategies, Groningen, The Netherlands, 26.6.2009.

2. * Sensible semantics on infinite structures. Invited talk at 'Logic meets China' and LORI-II, Chongqing, China, 7.10.2009.

3. * Dependence logic, coalitions, and announcements. Talk at the Logics for Dynamics of Information and Preferences seminar, Amsterdam, The Netherlands, 26.3.2009.

4. * Game semantics for multiplayer logics of imperfect information. Invited talk at the conference Dialogues and Games; Historical Roots and Contemporary Models, Lille, France, 9,2,2010.

Lauri Hella:

1. Monadic Σ^1_1 and modal logic with quantified binary relations, Mittag-Leffler Institute, Stockholm, 12.11.2009.
2. Regular representations of TC^0 , Invited talk at the Dagstuhl seminar on Circuits, Logics and Games, 8.2.2010.

Łukasz Kaiser:

- * Playing games when states have rich structure, Workshop on Structural Aspects of Rationality, December 2009, Kanpur, India.

Antti Kuusisto:

Monadic Σ^1_1 and modal logic with quantified binary relations, Methods for Modalities 6, Copenhagen, 12.11.2009.

Allen Mann:

- * IF logic and Kleene algebras, IHPST Formal Philosophy Seminar, Paris, October 2008.
- * A logical analysis of the Monty Hall problem, invited talk, Finnish Mathematical Days. Jyväskylä, 5.1.2010.
- * Rules of inference for dependence-friendly logic, University of Helsinki Mathematical Logic Seminar, Helsinki, September 2009.

Gabriel Sandu:

1. Truth and Logical Consequence, Invited talk at the “Ideals of Proof” workshop, Uppsala, November 2008.
2. Some reflections on the paradox of knowability, invited talk at the Workshop with Bas van Fraassen, Louvain, December 2008.
3. Recent developments in IF logic, invited talk at the Center for Logic and Philosophy of Science, Ghent University, November 2008.
4. Ceteris paribus modalities, invited talk at the Department of philosophy, Stockholm University, November 2009.

Jouko Väänänen:

1. * ESSLLI 2008, Hamburg, August, 2008, tutorial on “Dependence Logic”.
2. * Games 2008 Workshop, Warsaw, September, 2008, invited tutorial on “Dependence Logic”.
3. Luminy Set Theory Workshop, Marseilles, September, 2008, talk on “How complicated can structures be”.

4. Mathematical Methods in Philosophy, Bristol, September, 2008, invited talk on “Second order logic and foundations of mathematics”.
5. * ESF LogiCCC Kick-off Workshop, Prague, October 5-7, 2008, invited talk on “LINT – Logic of Interaction”.
6. * HIIT, Helsinki University of Technology-TKK, Helsinki, November, 2008, invited talk on “Dependence logic”.
7. * LINT workshop, Amsterdam, December 4-6, 2008, tutorial on “Dependence logic”.
8. AMS/ASL joint mathematics meeting, Washington DC, January, 2009, Invited Special ASL Lecture on “Set-theoretic methods in model theory”.
9. From Plato to predicativity - Seminar on the Philosophy of Mathematics, Amsterdam, March 2009, invited talk on “Second order logic, set theory and the foundations of mathematics”.
10. DESDA symposium on mathematics and philosophy, Nijmegen, May 2009, invited talk on “Non-intuitionistic mathematics”.
11. Mathematical Logic in the Netherlands, Nijmegen, May 25-26, 2009, invited talk on “Second order logic, set theory and foundations of mathematics”
12. Philosophy and Foundations of Mathematics (Martin-Löf Retirement Colloquium), May 2009, invited talk on “Second order logic, set theory and foundations of mathematics”.
13. *Logic Colloquium 2009, Sofia, plenary speaker, invited talk on “Dependence Logic”.
14. * LORI II, Chongqing, China, October 2009, keynote talk on “Dependence Logic”, invited tutorial on “Logic and Games”.
15. * GASICS, Aachen, October, 2009, invited talk “Overview of LINT”.
16. Mittag-Leffler Institute Seminar, talk on “Set theory and Logic”.
17. Logic and Set Theory: Philosophical and Mathematical Perspectives, Lichtenberg-Kolleg, Göttingen, February 2, 2010 invited talk on “Set theory and logic”.
18. * Circuits, Logic, and Games, Dagstuhl Seminar, February 2010, invited tutorial on “Dependence logic”

Dag Westerståhl:

1. * Sources of plurality. Invited talk at the ‘Logical Pluralism’ conference, Tartu, Estonia, August 27-21, 2008.
2. * Consequence and constancy. Invited talk at the ‘Philosophy of Logical Consequence’ conference, Uppsala, Sweden, October 31 – November 2, 2008.
3. * Back and forth between consequence relations and logical constants. Guest lecture at the Philosophy Department, Stockholm University, 25.9.2009.
4. * Logical constants and logical consequence. Keynote talk at ‘LogiCCC meets China’ day and LORI-II, Chongqing, China, 7.10.2009.

LoMoReVI

(invited talks / keynote talks marked by +)

E. Marchioni. Interpolation properties for uninorm based logics, at ISMVL2010, Barcelona (Spain), 2010

Christian G. Fermüller. Dialogue games and the proof theory of fuzzy logics - a review and outlook, at 30th Linz seminar on Fuzzy Set Theory, The Legacy of 30 Seminars - Where do we stand and where do we go? February 2009

Christian G. Fermüller. Vagueness at the interface between logic, philosophy, and linguistics, in Logical Models of Reasoning with Vague Information, Cejkovice, Czech Republic, 2009

+Christian G. Fermüller. Vagueness and Degrees of Truth: Scenes from a Troubled Marriage, in Lattice- Based Logic and its Applications, 31st Linz Seminar on Fuzzy Set Theory, 2010, invited talk

E. Marchioni. The model-theoretic approach to many-valued logics: A survey, Logical Models for Reasoning with Vague Information. Cejkovice (Czech Republic), 2009

E. Marchioni. A model-theoretic analysis of classes of MV algebras, Topology, Algebra and Categories in Logic. Institute for Logic, Language and Computation, Amsterdam (Netherlands), July 7-11, 2009

E. Marchioni. Advances in the theory of μ LPI-algebras, in Algebra and Probability in Many-Valued Logics. Technische Universität Darmstadt, Darmstadt (Germany), May 7-9, 2009

E. Marchioni. Amalgamation for residuated structures through quantifier elimination, in LATD 2008 - Logic, Algebra and Truth Degrees 2008, Siena, 2008

Christoph Roschger. Evaluation Games for Shapiro's Logic of Vagueness in Context, in Collegium Logicum, Vienna UT, 2009

+Christian G. Fermüller. On the interpretation of t-norm based fuzzy logics, in LATD 2008 - Logic, Algebra and Truth Degrees 2008, Siena

+Christian G. Fermüller. LoMoReVI -- Logical Models of Reasoning with Vague Information, in LogICCC Launch Conference of the European Science Foundation, Prague, 2008

+Christian G. Fermüller. Linguistics, Logic, and Vagueness, in Moscow-Vienna Workshop on Logic and Computation, 2009 , invited talk

+Christian G. Fermüller. Giles's Game and the Proof Theory of Lukasiewicz Logic, in Probability, Uncertainty and Rationality, Pontignano, Italy, 2009 , invited talk

Christian G. Fermüller. Dialogue games as foundations of non-classical logics, in Non-classical Logics: from Foundations to Applications, Pisa, 2009

Christian G. Fermüller. Fuzzy Logic and Vagueness: Can Philosophers Learn from Petr Hájek?, in The Beauty of Logic II, Prague, 2010

Libor Behounek. A reverse style of logic-based fuzzy topology, in The 1st Czech-Latvian Seminar on Advanced Methods in Soft Computing, 2008

Rostislav Horcik. Minimal varieties of cancellative residuated lattices, in BLAST 2008. Denver: University of Denver, 2008

Libor Behounek. Axiomatization of mathematical and physical theories in t-norm logics, in *Logic and the Foundations of Physics: Space, Time and Quanta*, Brussels, 2008

+Michal Pelis. Logick a argumentace mezi agenty, in *Kognice 2009*, pp. 213-219, *Gaudeamus*, 2009 (in Czech)

Ondrej Majer. Representing subjective probabilities, in *Foundations of Uncertainty: Probability and Its Rivals*, Prague, September 1-4, 2009

Milan Daniel. Completions of fragments of lattice-valued possibilistic distributions according to the principle of maximum entropy, in *ECSQUARU 2009*, Verona, July 1-3

+Milan Daniel. Belief conditioning rules for classic belief functions, in *WUPES 2009*, University of Economics, Prague, 2009

+Milan Daniel. Belief Conditioning in DSmT, in *12th Czech-Japan Seminar on Data Analysis and Decision Making under Uncertainty*, 2009

Petr Cintula. General approach to first-order non-classical logics, in *The Seminar on Non-classical Logics*. University of Barcelona, 2009

Thomas Vetterlein, A Formal Logical Framework for Cadiag-2, in the 30th MIE conference (Sarajevo 2009), 2009

Thomas Vetterlein. The partial-algebra method for the representation of algebras related to fuzzy logics, in *30th Linz Seminar*, 2009

Thomas Vetterlein, T-norm based fuzzy logic and logics for reasoning under vagueness, in the *Joint EUSFLAT and IFSA conference (Lisbon 2009)*

Marta Bilkova. On coalgebraic modal logic, in *The Seminar on Non-classical Logics*. University of Barcelona, 2009

Petr Hájek. A fuzzy logician reading books on vagueness, in *Logical Models of Reasoning with Vague Information 2009*, Cejkovice (Czech Republic), 14-17 September, 2009

Ondrej Majer. Fuzzy logics and games, in *Logical Models of Reasoning with Vague Information 2009*, Cejkovice (Czech Republic), 14-17 September, 2009

Libor Behounek. On deductive fuzzy logics as logics of gradual properties, in *Logical Models of Reasoning with Vague Information 2009*, Cejkovice (Czech Republic), 14-17 September, 2009

+Karel Chvalovsky. On the Independence of Axioms in BL and MTL, in *Doktorandske dny '08*, F. Hakl (ed.), pp. 28-36, *Ustav informatiky AV CR, v. v. i. & MATFYZPRESS*, 2008

+Martin Holena. Genetic algorithms for the optimization of catalysts in chemical engineering, in *World Congress on Engineering and Computer Science*, 2008

Karel Chvalovsky. Independence of Axioms in Non-Classical Logics and ATP, *Abstract Booklet*, K. Ambos-Spies, University of Heidelberg, 2009

Karel Chvalovsky. Syntactic Approach to Fuzzy Modal Logics in MTL, *Ustav informatiky AV CR, v. v. i. & MATFYZPRESS*, 2009

+Francesc Esteva. Modalities and many-valued: modelling uncertainty and similarity-based reasoning and a proposal on Fuzzy description Logics , in 31st Linz Fuzzy Set Seminar, February, 2010 (invited talk)

Marco Cerami. Decidability of a Description Logic over infinite-valued Product Logic, KR2010

Francesc Esteva. First order SMTL logic and quasi-witnessed models, in ESTYLF2010, 2010

Felix Bou. Decidability of some problems in a Description Logic over infinite-valued Product Logic , in 31st Linz Seminar on Fuzzy Set Theory, February 2010

+Angel Garcia-Cedaña, Eva Armengol, Francesc Esteva. Fuzzy Description Logics and Triangular Norm Based Fuzzy Logics: adding truth constants to the language, in IFSA-EUSFLAT 2009, invited talk

+Lluís Godo. Fuzzy similarity-based reasoning: logical formalizations and some applications, in Invited talk at the Graduate School of Engineering Science, Osaka University (Japan), 2009, invited talk

+Lluís Godo. Truthlikeness and graded similarity: some logic-based approaches, in Workshop on the Logical Foundations of Rational Interaction, Pisa (Italy), November 4, 2009, invited talk

Lluís Godo, Truthlikeness, Graded Similarity and Fuzziness: Some Logic-Based Approaches, in Logical Models of Reasoning with Vague Information 2009, Cejkovice (Czech Republic), 14-17 September, 2009

Martin Holena, David Linke and Norbert Steinfeldt. Boosted Neural Networks in Evolutionary Computation, in ICONIP (2), 2009

Petr Cintula and Carles Noguera. First-order (semilinear) implicational logics, in TACL, University of Amsterdam, 2009

+Petr Cintula. From (Deductive) Fuzzy Logic to (Logic-Based) Fuzzy Mathematics, in 10th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty, 2009, invited talk

Pere Pardo. Secure and Optimal Base Contraction in Graded Lukasiewicz Logics, in 12th International Conference of the Catalan Association for Artificial Intelligence, 2009

Pere Pardo. Base Belief Change for Finitary Monotonic Logics, in 13th Conference of the Spanish Association for Artificial Intelligence, CAEPIA 2009, Sevilla

Lluís Godo. Exploring Extensions of Possibilistic Logic over Gödel logic, in 10th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty, 2009

G. Metcalfe. Herbrand Theorems and Skolemization for Fuzzy Logics, in Proceedings of CiE 2008 G. Metcalfe. Proof Systems for a Gödel Modal Logic, in TABLEAUX 2009

Thomas Vetterlein. On vagueness and granularity, in Conference on Logical Models of Reasoning with Vague Information, Cejkovice, 2009

G. Metcalfe. Density Elimination and Rational Completeness for First-Order Logics, in Symposium on Logical Foundations of Computer Science (LFCS'07)

M. Baaz. Cut Elimination for First Order Gödel Logic by Hyperclause Resolution , in Proceedings of the 15th International Conference on Logic for Programming, Artificial Intelligence, and Reasoning, 2008

Ciabattoni. From Axioms to Analytic Rules in Nonclassical Logics, in Logic in Computer Science, 2008

M. Baaz. SAT in Monadic Goedel Logics: a borderline between decidability and undecidability, in Proceedings of the 16th International Workshop on Logic, Language, Information and Computation

L. Godo. Characterizing fuzzy modal semantics by fuzzy multimodal systems with crisp accessibility relations., in Joint 2009 IFSA World Congress and 2009 EUSFLAT Conference, Lisbon, Portugal, 20-24 July 2009

Carles Noguera. An abstract approach to fuzzy logics: implicational semilinear logics, in Proceedings of IFSA-EUSFLAT 2009

Ch. Roschger. Bridges Between Contextual Linguistic Models of Vagueness and T-norm Based Fuzzy Logic, in Proceedings of the 8th Workshop on Uncertainty Processing, 2009

Ch. Roschger. Evaluation Games for Shapiro's Logic of Vagueness in Context, in Logica, June 2009

SSEAC

Berghammer, R., Combining relation algebra and RelView in formal algorithm development. Workshop Lyon. April 1-2, 2009.

Berghammer, R., A relation-algebraic approach to liveness of place/transition nets. Relational methods in Computer Science, Doha, November 1-5, 2009.

Berghammer, R. , Contact relations with applications. Relational Methods in Computer Science. Doha, November 1-5, 2009.

Bolus, S., The future of the RelView system, Ph.D. day. Relational Methods in Computer Science. Doha, November 1, 2009.

de Andrés, R., García-Lapresta, J.L., Jiménez, M., A personnel selection process based on linguistic assessments through Goal Programming techniques. ISCAMI 2009. Malenovice (Czech Republic), May 2009.

de Swart, H., Applying relation algebra and RelView to measures in a social network. Workshop Lyon. April 1-2, 2009.

de Swart, H., Computational social choice using relation algebra and Relview. Invited lecture International Conference on Relational Methods in Computer Science (RelMiCS). Doha (Qatar), November 1-5, 2009.

García-Lapresta, J.L., Llamazares, B., Peña, T., Scoring rules and consensus. 5th International Workshop on Preferences and Decisions. Trento (Italy), April 2009.

García-Lapresta, J.L., Llamazares, B., Peña, T., Scoring rules and consensus. GDN 2009. An International Meeting on Group Decision and Negotiation (Toronto'09, CORS-INFORMS International). Toronto (Canada), June 2009.

García-Lapresta, J.L., Llamazares, B., Peña, T., Determining OWA weights by maximizing consensus. 2009 IFSA World Congress. 2009 EUSFLAT Conference. Lisbon (Portugal), July 2009.

García-Lapresta, J.L., Martínez-Panero, M., Using centered OWA operators in political elections. EUROFUSE Workshop 09: Preference Modelling and Decision Analysis. Pamplona (Spain), September 2009.

García-Lapresta, J.L., Martínez-Panero, M., A compromise between Majority Judgement and Range Voting". International Workshop on New Approaches to Voting and Social Choice. Tilburg (The Netherlands), May 2009.

García-Lapresta, J.L., Martínez-Panero, M., Majority Judgement versus Range Voting: A weighting approach". The Annual Meeting of the European Public Choice Society. Athens (Greece), April 2009.

García-Lapresta, J.L., Martínez-Panero, M., Voting with words: linguistic-based procedures in political elections. First Workshop on Soft Computing in Humanities and Social Sciences. Mieres (Spain), March 2009.

García-Lapresta, J.L., Marques Pereira, R.A., Measuring social welfare through location and consensus measures. ISDA'09. 9th International Conference on Intelligent Systems Design and Applications. Pisa (Italy), November-December 2009.

García-Lapresta, J.L., Piggins, A., Voting on how to vote. First International Seminar on Soft Computing in Humanities and Social Sciences. Mieres (Spain), September 2009.

Nurmi, H., Spatial models and aggregation paradoxes. Economics and Democracy Conference, ANU. Canberra, December 8-10, 2008.

Nurmi, H., Are spatial models trustworthy tools in consensus reaching?. Workshop on Institutional Design and Conflict Resolution. Hamburg, January 9-10, 2009.

Nurmi, H., Alternatives to ranking in the theory of voting. Workshop on New Approaches to Voting and Social Choice. Tilburg, May 25-26, 2009.

Nurmi, H., Anomalies in spatial models of preferences. Group Decision and Negotiation 2009 Congress. Toronto, June 14- 17, 2009.

Nurmi, H., Fuzzy Systems, Choice paradoxes and optimal committees. IFSA-EUSFLAT 2009 Conference. Lisbon, July 20-24, 2009.

Rusinowska, A., Applying relational algebra, RelView and graph theory to coalition formation. Workshop Lyon. April 1-2, 2009.

Rusinowska, A., Measuring power and satisfaction in societies with opinion leaders. 58ème Congrès Annuel de l'AFSE. Université Paris X – Nanterre, September 10-11, 2009.

Rusinowska, A., Measuring power and satisfaction in societies with opinion leaders: Dictator and opinion leader properties. International Conference "Logic, Game Theory and Social Choice 6". Tsukuba (Japan), August 26-29, 2009.

Rusinowska, A., Applying relational algebra and RelView to measures in a social network. EURO XXIII (XXIII European Conference on Operational Research). Bonn (Germany), July 5-8, 2009.

Rusinowska, A., A model of influence with a continuum of actions. SING5 (Fifth Spain Italy Netherlands Meeting on Game Theory). Amsterdam (NL), July 1-3, 2009.

Rusinowska, A., Influence functions, followers and command games. International Workshop "New Approaches to Voting and Social Choice". Tilburg, (The Netherlands), May 25-26, 2009.

Rusinowska, A., Applying relational algebra, RelView and graph theory to coalition formation. Research Meeting "Computational Social Choice and Social Software", GATE. April 1-2, 2009.

Saukkonen, K., Continuity and measurability of Arrovian social welfare functions: a generalization. Public Choice Research Centre. Turku, March 25, 2009.

Saukkonen, K., Continuity and measurability of Arrovian social welfare functions : a generalization. Groupe d'Analyse et de Théorie Economique 2-day Research Meeting "Social Software and Computational Social Choice". April 1-2, 2009.

Saukkonen, K., Continuity of infinite state set Arrovian social welfare functions, The Association for Public Economic Theory 10th international meeting at the National University of Ireland. Galway, June 18-20, 2009.

Saukkonen, K., Continuity of infinite state set Arrovian social welfare functions. The Third International Conference on Game Theory and Management. St. Petersburg, June 24-26, 2009.

VAAG

*Gärdenfors, Peter (2009). Semantics a meeting of minds. Invited talk at Logical Models of Reasoning with Vague Information (LoMoReVi). Čejkovice, Czech Republic, September 14-17, 2009.

Klein, Ewan (2009). Modelling Vagueness in Computational Semantics. Keynote talk at Workshop on Vagueness in communication (VIC 2009) at ESSLLI '09, Bordeaux, July 24, 2009.

Krifka, Manfred (2009). Definitional generics as second-order predication. Invited talk at Conference 'Genericity: Interpretation and use'. Institute Nicod, EHESS Paris, May 11.-13.

Marklund, Petter, Sverker Sikström, Rasmus Bååth and Lars-Göran Nilsson (2009). Age effects on semantic coherence: Latent semantic analysis applied to letter fluency data. Third International Conference on Advances in Semantic Processing, Malta, October 11-16, 2009.

van Rooij, Robert (2009). Semi-orders and vagueness. Pamplona Conference on Vagueness, June, 2009.

*Sauerland, Uli. Linguistic conditions on theories of vagueness. Invited talk at Logical Models of Reasoning with Vague Information (LoMoReVi). Čejkovice, Czech Republic, September 14-17, 2009.

*Solt, Stephanie (2009). Most and more than half. 4th Workshop on Optimality Theory and Interpretation. Utrecht, June 4, 2009.

*Solt, Stephanie (2009). Notes on the comparison class. Workshop on Vagueness in Communication (VIC 2009) at ESSLLI '09, Bordeaux, July 24, 2009.

*Solt, Stephanie (2009). The vague expression of quantity. Invited talk at Logical Models of Reasoning with Vague Information (LoMoReVi). Čejkovice, Czech Republic, September 14-17, 2009.

*Solt, Stephanie (2009). Most and more than half: two modes of proportion? CUNY Syntax Supper, October 13, 2009.

*Solt, Stephanie (2010). On the expression of proportion: most and more than half. 84th Annual Meeting of the Linguistic Society of America, Baltimore, January 7, 2010.

Wolf, Lavi (2009). Predicates of personal taste. Workshop on Vagueness in Communication (VIC 2009) at ESSLLI '09, Bordeaux, July 24, 2009.

Egré, Paul (joint work with R. van Rooij and P. Cobreros) (2009). Vagueness and non-transitive entailment. Logical Models of Reasoning with Vague Information (LoMoReVi). Čejkovice, Czech Republic, September 14-17, 2009.

Egré, Paul (joint work with R. van Rooij and P. Cobreros) (2009). Vagueness and non-transitive entailment, Kolkata Logic Circle, Kolkata, September 2009.

Egré, Paul ILIKS Workshop, Trento, December 2009, invited talk on joint work with P. Cobreros, D. Ripley and R. van Rooij: "Vague predicates, tolerance and contradictions"

Egré, Paul Barcelona, Vagueness Workshop, invited talk, January 2009, based on joint work with P. Cobreros, D. Ripley and R. van Rooij: "Vague predicates, tolerance and contradictions"

Posters

CFSC

D. Porello: "Linear Logic for Bidding Languages", LogICCC meets China Meeting, Chongqing, China, October 2009.

DiFoS

* Jesse Alama, Dialogues and computer-aided proofs in Lisbon: A DiFoS Project. Displayed at "LogICCC Meets China", a workshop contained within LORI II: Logic of Rational Interaction, Chongqing, China, October 7, 2009

LcpR

Unterhuber, M., "Avoiding Logical Omniscience by Default. An Investigation into Autoepistemic Logic", 1.08.09, CogSci 2009 (Cognitive Science Society), Amsterdam

LINT

Allen Mann:

* Rules of inference for dependence friendly logic. The Second International Workshop on Logic, Rationality and Interaction (LORI-II), Chongqing, China, October 6-11, 2009.

Antti Kuusisto:

* Monadic Σ^1_1 and modal logic with quantified binary relations. The Second International Workshop on Logic, Rationality and Interaction (LORI-II), Chongqing, China, October 6-11, 2009.

Fan Yang:

* Universal Models of NNIL Formulas, The Second International Workshop on Logic, Rationality and Interaction (LORI-II), Chongqing, China, October 6-11, 2009.

Invited lectures

LoMoReVI

Christoph Roschger. Bridges Between Fuzzy Logic and Linguistic Models of Vagueness, in Advances in Knowledge-Based Technologies, Johannes Kepler University Linz, 2010

E. Marchioni. Logics with possibilistic intensional predicates, in Collegium Logicum 2009: Constraint Satisfaction Problems and Many-Valued Logics, Vienna University of Technology, Vienna (Austria), 2009

General Outreach

Newspaper articles

SSEAC

van Deemen, A., de Swart, H., De Amerikaanse Presidentsverkiezingen. *De Actuaris*, November 2008, 11-12

Websites

GASICS

<http://www.ulb.ac.be/di/gasics/>

LcpR

*LcpR: <http://www.sbg.ac.at/lcpr/>

*Probnet 09: <http://www.users.sbg.ac.at/~probnet/lcpr09/>

*Conditionals workshop: <http://www.phil-fak.uni-duesseldorf.de/philo/personal/thphil/workshops-und-weitere-wissenschaftliche-aktivitaeten/conditionals/>

LINT

<http://www.illc.uva.nl/lint/>

LoMoReVI

<http://www.logic.at/lomorevi>

SSEAC

SSEAC project and workshop Tilburg, May 25-26, 2009: <http://www2.eco.uva.es/presad/SSEAC/>

Workshop Lyon, April 1-2, 2009 : <http://www.gate.cnrs.fr/spip.php?article316>

Concerning R. Berghammer: www.informatik.uni-kiel.de/~progsys/relview.shtml

Concerning J-L. Garcia Lapresta: <http://www2.eco.uva.es/lapresta/>

Concerning H. Nurmi: <http://users.utu.fi/hnurmi/homepage/>

Concerning A. Rusinowska: <http://www.gate.cnrs.fr/perso/rusinowska/>

Concerning H. de Swart: <http://www.tilburguniversity.nl/faculties/humanities/dphil/staff/swart/>

Other

DiFoS

Teaching-related talks

* Sara L. Uckelman, John Buridan's Sophismata and interval temporal semantics, ILLC Logic Tea, Amsterdam, the Netherlands, 19 May 2009 – slides.

* Sara L. Uckelman, Medieval logic: an overview, guest lecture in the course Geschiedenis van de logica, Universiteit Utrecht, Utrecht, the Netherlands, 13 May 2009 -- slides.

* Benedikt Loewe, Logic in Games of Knowledge and Belief, Tutorial for an interdisciplinary group of students as part of an Erasmus Mundus exchange with Sofia, Bulgaria), July 2009.

LINT

- The team in Tampere is an active member of the Tampere Mathematics Center, which was established in the autumn 2009. See the homepage <http://math.tut.fi/tamperemathcenter/>

- Jouko Väänänen gave an invited talk to high school students at the Summamutikkaklubi, Helsinki, March 2009, on "Infinity".

VAAG

*Solt, Stephanie. Appearance in video report on Berria.info (website of Basque language newspaper Berria) discussing approximation experiment. June 2009

Information on LogICCC and the VAAG project on the DUCOG conference held in Dubrovnik, 22-24 May, 2009.

(*) publications and contributions in which the LogICCC programme is acknowledged