

Short biographies of participants



Adrian Alsop

Director of Research and International Strategy, Economic and Social Research Council, UK

Email: adrian.alsop@esrc.ac.uk

Adrian holds a degree in Economics and has been with ESRC since 1989. As current Director for Research and International Strategy he is responsible for the development and commissioning of the Council's research agenda and takes management responsibility for the Research and International Strategy Directorate, which includes teams leading on the development and commissioning of research across the Council's portfolio and international activity.

Adrian has led partnerships with learned societies, Research Councils, the Technology Strategy Board (TSB), government departments, civil society and business organisations. These include the joint Development Group with TSB and government department groups including the Food Research Partnership, the ministerial group on Alzheimer's disease and pan-departmental interests in subjective well-being to develop new research central to delivery of the Council's Strategic plan. Adrian is a member of the RCUK Research and Development Group (RDG) which leads the strategy for RCUK research programmes, and a member of the Standing Committee for the Social Sciences of the European Science Foundation.

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Eric Brunner

Reader in Epidemiology & Public Health, University College London

Email: e.brunner@ucl.ac.uk

Eric Brunner's research interests are in biological and behavioural pathways and in psychosocial factors at work as a cause of cardiovascular disease. His current research involving the Whitehall II study includes the biological and behavioural pathways, including diet, involved in the production of the social gradient in health, studies of successful ageing, including adaptation to existing morbidity and accelerated biological ageing, psychosocial factors at work as a cause of cardiovascular disease, feasibility of targeted diabetes screening. Other research includes a systematic review of the effectiveness of population and community based interventions for chronic disease prevention. Eric Brunner is co-leader of the new MSc Social Epidemiology: Health and Society course.

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Carsten de Dreu

Professor, Department of Psychology, University of Amsterdam

Email: C.K.W.deDreu@uva.nl

Carsten's research concerns group processes and performance, in laboratory as well as organizational settings. Some of his work deals with negotiation as a way of managing interpersonal and small group conflict, and has examined the motivational bases of information processing, and the strategic choices negotiators make. Other research has examined the effects of epistemic and social motives on information dissemination and the quality of decision making in groups. A third line of work deals with the role of neurobiological and hormonal (e.g. oxytocin, testosterone) modulators in intergroup competition and conflict. Finally, he conducts research into the psychological foundations of creativity and innovation both at the individual and small group level.

Carsten has been president of the International Association for Conflict Management (2001 - 2003), and served as associate editor for the *Journal of Organizational Behavior* (2002 - 2004), and for *Personality and Social*

Psychology Bulletin (2005-2008). I'm president of the European Association for Social Psychology (2008 - 2011) and Associate Editor for *Journal of Personality and Social Psychology* (2011 - 2013).

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Des Fitzgerald

Researcher, Department of Sociology, London School of Economics

Email: p.d.fitzgerald@lse.ac.uk

Des Fitzgerald is a PhD candidate in the Department of Sociology in the London School of Economics, and a visiting researcher in the Department of Social Science, Health and Medicine at Kings College London. His research generally explores the way that links are made between the methods of the life sciences (particularly the new brain sciences), and phenomena which are otherwise rooted in some broad notion of 'the social.' Specifically, his current research is about the links between the autism spectrum and the new brain sciences, where he is looking at the specific routes through which a behaviourally- or 'socially'-defined developmental condition like autism, whose causes, roots and effects are sometimes rather ambiguous, might nonetheless be located ultimately in the human brain.

He has given papers on this topic to the annual meetings of the Society for the Social Studies of Science (4S), the European Association for the Study of Science and Technology (EASST) and the British Sociological Association (BSA), among others. Aside from professional affiliations, he is a member of both the European Neuroscience and Society Network, and the (Volkswagen) European Platform for Life Sciences, Mind Sciences and the Humanities; through these two networks, he is also a member of two multi-disciplinary projects trying to make productive connections between perspectives from the social sciences and neuro-sciences – looking at lie detection and intersubjectivity respectively).



Jeremy Freese

Professor of Sociology, Northwestern University

Email: jfreese@northwestern.edu

Jeremy Freese is Department Chair and Professor of Sociology at Northwestern University. Jeremy is interested in drawing connections across biological, psychological, and social causes of divergence in individual's lives, especially as these intersect with technological and other kinds of social change. He has developed this interest across a variety of projects, including projects on Internet use, health policy, and innovations in genetics. Additionally, he has done work on social science methods, including co-authoring a book on the analyses of categorical data.

Prior to joining the faculty at Northwestern, Freese was a professor of sociology at the University of Wisconsin-Madison and a Robert Wood Johnson Scholar in Health Policy Research at Harvard University.

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Eva Hoogland

Senior Science Officer for the Humanities, European Science Foundation

Email: ehoogland@esf.org

Eva Hoogland is senior science officer at the European Science Foundation (ESF). Over the past 10 years, she has worked on scientific foresight, strategic research advocacy and research management in a variety of emerging, interdisciplinary research fields - with a special interest in the cognitive sciences. From 2001-2006, she was coordinator of the national Cognition programme at the Netherlands Organisation for Scientific Research (NWO). In 2006 she joined the European Science Foundation where she works for the Standing Committee for the Humanities. Eva holds a PhD in mathematical logic from the University of Amsterdam.

"ESF Humanities Spring 2011", "Understanding and Misunderstanding: Cognition, Communication and Culture (EuroUnderstanding)", "The Human Brain: from Cells to Society" – these are only some of the interdisciplinary activities recently conceived at the ESF which Eva was involved with.



Philipp Koellinger

Assistant Professor in Economics, Erasmus University Rotterdam

Email: koellinger@ese.eur.nl

Philipp is assistant professor in economics at Erasmus University Rotterdam and associate editor of *Small Business Economics*.

His research interests are in the fields of entrepreneurship, behavioural economics and genoeconomics. In particular, he investigates the role of genes, cognitive limits and affect on economic behaviour, with entrepreneurship as a particularly vivid and relevant example. He is involved as a principal investigator in the Entrepreneur Consortium and the newly founded Social Science Genetic Association Consortium (SSGAC).

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Sanne Lykke Lundstrom

Researcher, Department of Management Engineering, Technical University of Denmark and Research Unit of General Practice at University of Southern Denmark & Copenhagen University

Sanne Lykke Lundstrom is a PhD candidate at the Technical University of Denmark and at the Research Unit of General Practice. Sanne has a Master in biomedical engineering, which she obtained in a 5-year cooperative engineering program between the Technical University of

Denmark and the University of Copenhagen, Faculty of Health and Medical Science. Sanne is interested in combining concepts from social science with an engineering approach to organizational behaviour to look at how the psychosocial work environment within a general practice (primary care) influences the productivity and quality of treatment of patients with a chronic disease, with a focus on COPD (chronic obstructive pulmonary disease). Sanne developed this interest during projects at hospitals during her studies. She experienced a lack of coordination and cooperation between the different workgroups, which meant a lot of information got lost in the system.

Sanne is a board member of the European Council of Doctoral Candidates and Junior Researchers (Eurodoc). Eurodoc is an international federation of 34 national organisations of PhD candidates, who represent doctoral candidates and junior researchers at the European level in matters of education, research, and professional development of their careers. Sanne is also a partner of the Relational Coordination Research Collaborative.



Sabine Maasen

Professor of Science Studies/Sociology of Science, University of Basel

Sabine Maasen is a professor of science studies at the University of Basel. Her training is in sociology, psychology and linguistics, and she has held various positions in science management. Her research focus is in the domain of knowledge dynamics in science and society, predominantly based upon Foucauldian approaches. Among other things, she is concerned with effects of scientific knowledge on notions and practices of the social as well as on the individual. She has published several articles and books in the sociology of science and knowledge including *Biology as Society, Society as Biology. Metaphors* (with E. Mendelsohn and P. Weingart, Kluwer 1994 as well as *Metaphors and the Dynamics of Knowledge*, Routledge 2000, with P. Weingart) and *Die Genealogie der Unmoral. Therapeutisierung sexueller Selbst* (Genealogy of the Immoral. Therapeutic Constructions of Sexual Selves; Suhrkamp 1998). Recently she published in the fields of the social construction of volition and consciousness (e.g., *Voluntary Action. On Brains, Minds, and Sociality*, Oxford 2002, with W. Prinz & G. Roth; *On Willing Selves*, with Barbara Sutter, Palgrave MacMillan, 2007). The current research program is titled: *The brain and its society. An STS-perspective toward the neurosciences*.

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Jonathan Mill

Senior lecturer, Institute of Psychiatry, King's College London

Email: jonathan.mill@kcl.ac.uk

Jonathan heads the Psychiatric Epigenetics laboratory at the Institute of Psychiatry at King's College London. His group aims to explore the role of epigenetic changes in mediating risk for mental illness, with a particular focus on the following:

- 1) Genome-wide investigations of DNA methylation in post-mortem brain tissue for disorders such as schizophrenia, bipolar disorder, and Alzheimer's disorder.
- 2) Investigating the role of epigenetic variation in mediating phenotypic variation between genetically-identical individuals (i.e. monozygotic twins, inbred animals).
- 3) Elucidating how external environmental factors may bring about long-term changes in gene expression via epigenetic alterations.
- 4) Identifying novel imprinted regions of the genome, and their role in mediating parent-of-origin effects in psychiatric disorders.
- 5) Exploring interactions between genotype and epigenotype.

His particular research interests are in complex disease epigenomics, genomic imprinting, gene-environment interaction, monozygotic twin discordance.

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Sarah Moore

Science Officer for the Social Sciences, European Science Foundation

Email: smoore@esf.org

Sarah studied English and German Literature at Trinity College Dublin. She worked as an English-language teacher in Switzerland and as assistant coordinator at the Centre for Research on Lifelong Learning (CRELL) of the European Commission's Joint Research Centre in Italy before completing a Master in Education Studies. She then joined the Irish Research Council for Humanities and Social Sciences (IRCHSS), from which she moved to the European Science Foundation in 2008.

She is currently a Science Officer for the Social Sciences at the ESF, where she is responsible for coordinating thematic European Collaborative Research (EUROCORES) programmes and the non-thematic European Collaborative Research Projects (ECRP) scheme in the social sciences.



Arcadi Navarro

Professor, Department of Experimental and Health Sciences, Universitat Pompeu Fabra

E-mail: arcadi.navarro@upf.edu

I was an undergraduate, and later a graduate student, at the Universitat Autònoma de Barcelona, where I started a PhD in Biology in 1992. After quitting the academic world for a few years, I finished my PhD and went back to basic research in 1999 as a postdoctoral fellow at the University of Edinburgh. I entered the Universitat Pompeu Fabra (UPF) in 2002 as a fellow and was appointed Genetics Professor in 2006.

Currently I lead a research group in Evolutionary Genomics within the Evolutionary Biology Unit of the Department of Experimental and Health Sciences of the UPF. In addition, I am the director of the Population Genomics Node of the Spanish National Institute for Bioinformatics (INB) and the Vice-director of the Institute for Evolutionary Biology (IBE), a recently created joint institute between the UPF and the Consejo Nacional de Investigaciones Científicas (CSIC). My research interests are in comparative genomics, speciation, molecular evolution, population genetics and bioinformatics.

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Giovanni Pacini

Research Director at National Institute of Biomedical Engineering (CNR), Padua

After graduating in Electronic Engineering at the University of Florence, Giovanni was CNR fellow from 1976 to 1979, when he began his American experience first as a Visiting Scientist and then as a Visiting Professor at the Department of Physiology and Biophysics of the School of Medicine of the University of Southern California, Los Angeles.

In 1985 he returned to Italy where he joined the Bioengineering Research Group at the Institute of Systems Science and Biomedical Engineering of the National Research Council in Padova. From 1991 to 2001, he was the Chairman of the Institute. Currently he is in charge of the Bioengineering Group of the Padova Branch of the National Institute of Biomedical Engineering (ISIB) and Head of the Metabolic Unit. Current fields of interest are methodologies for physiological processes related to diabetes: in particular, the use of mathematical modelling for detailed description of beta cell function and its relationships with insulin resistance.

Giovanni was the Chairman of the Technical Committee on Measurements in Medicine and Biology of the International Measurement Conference (IMEKO) from 1995 to 2001. He is serving as member of the Advisory Board of *Diabetologia*, the official journal of the European Association for the Study of Diabetes (EASD) and member of the Editorial Board of the journal *Current Diabetes Reviews*. Giovanni is a member of the European Medical Research Councils (EMRC) committee of the European Science Foundation.

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Pasqualina Perrig-Chiello

Honorary Professor of Developmental Psychology, University of Bern

Email: pasqualina.perrigchiello@psy.unibe.ch

Pasqualina Perrig-Chiello is Professor of Developmental Psychology at the University of Bern, Switzerland. Pasqualina received her PhD in developmental and educational psychology from the University of Fribourg and started her career as a visiting research scholar at the University of Colorado at Boulder and at the University of the Saarland. She 'habilitated' from the University of Bern in 1996. Since then her posts have included Scientific Director of the University Institute Kurt Bösch and Visiting Professor at the J. Wolfgang-Goethe University in Frankfurt and the ISCTE (University Institute of Lisbon).

Pasqualina is Chair of the Scientific Board of the Transdisciplinary Net (td-net) of the Swiss Academies and has also been a member of the Standing Committee for the Social Sciences of the European Science Foundation since 2006. Her research interests include life course development, particularly in the second half of life, gender and personality development, and intergenerational relationships.

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Robert Plomin

Professor of Behavioural Genetics, Institute of Psychiatry, King's College London

Email: Robert.plomin@kcl.ac.uk

Robert Plomin is Professor of Behavioural Genetics at the MRC Social, Genetic and Developmental Psychiatry (SGDP) Centre at the Institute of Psychiatry, King's College London. After receiving a PhD in behavioural genetics from the Department of Psychology at the University of Texas at Austin (1970-1974), Plomin's first position was at the Institute for Behavioral Genetics at the University of Colorado at Boulder. After a year at the Center for Advanced Study in the Behavioral Sciences in Palo Alto (1984-85), he moved to the Pennsylvania State University to create with Gerald McClearn an interdisciplinary research centre called the Center for Developmental and Health Genetics. In 1994, he came to the Institute of Psychiatry as MRC Research Professor to establish the SGDP Centre with Professor Michael Rutter. The theme of the Centre and of his research is bringing together genetic and environmental research strategies to study behavioural development. During the past decade his research has increasingly turned towards harnessing the power of molecular genetics, especially genome-wide association strategies, to identify genes for psychological traits in order to help understand the developmental interplay between genes and environment.

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Christian Pohl

Senior Research Fellow, Institute for Environmental Decisions, ETH Zürich

E-mail: christian.pohl@env.ethz.ch

Christian Pohl is lecturer and senior research fellow. He studied environmental sciences and wrote a doctoral thesis on uncertainty in environmental assessments. His main interest is transdisciplinarity as an intellectual tool to address socially relevant issues, like environmental problems or sustainable development. In his research, he accordingly focuses on transdisciplinary research as a process of knowledge co-production that inter-relates research and societal change towards sustainable development. Christian is Co-Director of td-net, the Network for Transdisciplinary Research of the Swiss Academies of Arts and Sciences.

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Andreas Roepstorff

Professor, Centre of Functionally Integrative Neuroscience (CFIN) and Department of Social Anthropology, University of Aarhus

E-mail: andreas@pet.au.dk

Andreas Roepstorff is Professor at the Department of Social Anthropology and at the Centre for Functionally Integrative Neuroscience, University of Aarhus. He is an anthropologist in neuroscience and maintains a dual perspective. While studying the workings of the brain, particularly at the levels of consciousness, cognition and communication, he is equally interested in how brain imaging, as a field of knowledge production, relates to other scientific and public fields. Andreas is a member of the Steering Committee of the European Science Foundation's European Neuroscience and Society Network (ENSN) research networking programme.

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Nikolas Rose

Professor of Sociology, Department of Social Science, Health & Medicine, King's College London

Email: nikolas.rose@kcl.ac.uk

Professor Rose originally trained as a biologist before switching to psychology and then to sociology. He joined the London School of Economics in 2002 and was Convenor of the Department of Sociology from 2002 to 2006. He founded the BIOS Centre for the Study of Bioscience, Biomedicine, Biotechnology and Society at LSE, and was its Director since its inception in 2003.

Professor Rose has published widely on the social and political history of the human sciences, on the genealogy of subjectivity, on the history of empirical thought in sociology, and on changing rationalities and techniques of political power, as well on law and criminology.

His current research concerns the social, political and legal dimensions of the life sciences and biomedicine, and has recently focussed on biological and genetic psychiatry and behavioural neuroscience. His study of the social implications of the rise of the new brain sciences will be published by Princeton University Press in 2012. Professor Rose is Chair of the European Neuroscience and Society Network (ENSN), a unique interdisciplinary collaboration of social scientists, philosophers, lawyers, neuroscientists and psychiatrists supported through the European Science Foundation.

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Jan C. Schmidt

Professor, Unit of Social, Culture and Technology Studies, Darmstadt University of Applied Sciences

Jan Cornelius Schmidt is a physicist and philosopher. He received a Ph.D. in Theoretical Physics (nonlinear dynamics, chaos theory, complex systems theory) and a habilitation / 2nd Ph.D. in Philosophy (philosophy of science and technology, natural philosophy, history of science). He was a Professor's Assistant and full-time faculty member at the Institute of Physics, University of Mainz/Germany (1996-1999), as well as at the Institute of Philosophy and the Center for Interdisciplinary Studies of Technology, Darmstadt University of Technology/Germany (1999-2006). Schmidt was Associate Professor for Philosophy of Science and Technology at Georgia Tech, School of Public Policy (2006-2008). Since 2008 he is Professor of Philosophy of Science and Technology at Darmstadt University of Applied Sciences. He is currently also a Visiting Professor for Natural Philosophy at the University of Jena (2011-2012). Additionally, Schmidt worked in policy related projects at the Wuppertal Institute for Climate, Energy, and Environment and as a scientific-technical consultant in projects in the automotive industry and other innovative technology fields. For excellent teaching projects he earned the "European Award for Teaching in Science and Religion" from the Center for Theology and the Natural Sciences, Berkeley.

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Matti Sintonen

Professor of Philosophy, University of Helsinki

Email: msintone@mappi.helsinki.fi

Matti Sintonen is a philosopher of science and professor at the University of Helsinki. He is leading the research project "Modelling Mechanisms – A New Approach to Scientific Understanding and Interdisciplinary Integration" in Helsinki, where the research group uses both philosophical and empirical approaches (e.g. simulations) in the study of models and mechanisms. His main research interests are within general philosophy of science, where he in particular has worked on scientific explanation and understanding, theory structure and theory choice, growth of knowledge, the nature of truth and information content, on 'aesthetic' properties such as simplicity and consilience. He has developed a pragmatically oriented interrogative view (I-view) of explanation and enquiry, with papers on the problem solving model of science, scientific discovery, creativity and innovativeness and the nature of applied and interdisciplinary inquiry. More recently he has been engaged in attempts to overcome the limitations of the reigning theory-centred philosophy of science.



Rifka Weehuizen

Acting Senior Science Officer for the Social Sciences, European Science Foundation

Email: rweehuizen@esf.org

Rifka has an MA in History and a PhD in Economics. She has worked as a researcher at UNU-MERIT, a research institute of the University of Maastricht in the field of science, technology and economic growth, specifically on the psychological dimensions of economic growth. In addition Rifka has worked for the Netherlands Advisory Council on Science and Technology Policy (AWT) and for the Netherlands Advisory Council for Health Research (RGO).

As Acting Senior Science Officer at the European Science Foundation, Rifka is responsible for Exploratory Workshops, Research Networking Programmes, Forward Looks and strategic activities of the Standing Committee for the Social Sciences.



Zsófia Virányi

Researcher, Messerli Research Institute, University of Veterinary Medicine, Vienna

Email: zsofi.viranyi@gmail.com

I studied biology at the Eötvös Loránd University, Budapest, Hungary and graduated with my thesis on knowledge attribution in dogs and children. During my PhD studies on ethology I examined the domestic dog's reasoning abilities and in some aspects compared them to children, apes, monkeys and wolves.

I participated in the project of the Department of Ethology, Eötvös Loránd University comparing hand-raised wolves and dogs in their relationship and communication with humans. At the Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany I made a comparative study on knowledge attribution in great apes and dogs under the supervision of Josep Call. Later at Kazuo Fujita's lab, Primate Research Institute, Kyoto University, Kyoto, Japan I tested pigeons, capuchin and squirrel monkeys in a task on inferential reasoning about the location of food. Later as a Postdoctoral Research Fellow at the Eötvös Loránd University I examined the interesting case of interspecific social between dogs and humans. Currently, I am a Postdoctoral Fellow at the Konrad Lorenz Institute for Evolution and Cognition Research, Altenberg, Austria and investigate the role of inferential abilities and interindividual behavioural coordination in social learning in common marmosets and domestic dogs.

Zsófia is also coordinator for the ESF Research Networking Programme "The Evolution of Social Cognition" (CompCog) www.compcog.org since May 2008.

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