



Science Meeting – Scientific Report

Scientific report (one single document in WORD or PDF file) should be submitted online within two months of the event. It should not exceed seven A4 pages.

Proposal Title:

Application Reference N°:

- 1) **Summary (up to one page)** This was a one week meeting, very intense, on themes related to the work of Alan Weinstein. The Conference honors Alan Weinstein and his contributions to mathematics. Weinstein has been one of the most influential figures in symplectic geometry, Poisson geometry, and its connections with mathematical physics and analysis in the past forty years. Weinstein's fundamental contributions have shaped many areas of mathematics, and have inspired many others. This conference will be a forum to celebrate Alan Weinstein's fundamental contributions to mathematics, and to thank him for many years of mentorship; many of Weinstein's students and postdocs are now established figures themselves. The conference features lectures in subjects in which Weinstein has had a deep influence. Leading mathematicians will deliver lectures over a five day period.

- 2) **Description of the scientific content of and discussions at the event (up to four pages)** All lectures took place in a large lecture room, the main amphitheatre of the EPFL.

- 3) **Assessment of the results and impact of the event on the future directions of the field (up to two pages)** The young people who were supported profited enormously from this meeting. They were able to interact with the

leaders of various fields of research and find out about the latest developments. The conference was organized in such a way as to facilitate such interactions. From reactions I had from several of them, this seems to have succeeded.

- 4) Annexes 4a) and 4b): Programme of the meeting and full list of speakers and participants

Annex 4a: Programme of the meeting

Annex 4b: Full list of speakers and participants

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Conference

Conference in honor of Alan Weinstein

Program : [Conference in honor of Alan Weinstein](#)
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87 guest(s)

Persons	University	Date of arrival	Date of departure
Alekseev Anton	University of Geneva, Switzerland	22/07/2013	26/07/2013
Boutet De Monvel Louis	Université Pierre et Marie Curie	21/07/2013	26/07/2013
Brahic Olivier	Lisbon, Portugal	21/07/2013	26/07/2013
Bruveris Martins	EPFL	22/07/2013	26/07/2013
Bursztyn Henrique	IMPA - Instituto Nacional de Matemática Pura e Aplicada, Rio de Janeiro, Brasil	21/07/2013	27/07/2013
Charles Laurent	Institut de Mathématiques de Jussieu	07/07/2013	27/07/2013
Crainic Marius	Universiteit Utrecht, Department of Mathematics, The Netherlands	21/07/2013	27/07/2013
De Commer Kenny	Université de Cergy-Pontoise	21/07/2013	26/07/2013
De Leon Manuel	Instituto de Ciencias Matemáticas ICMAT	21/07/2013	27/07/2013
Del Hoyo Matias L	Utrecht University	21/07/2013	26/07/2013
Demoures François	EPFL	22/07/2013	26/07/2013
Dullin Holger	University of Sydney	30/06/2013	27/07/2013
Fedoseev Denis	MSU	22/07/2013	26/07/2013
Fernandes Rui Loja	Dep. Matemática, Instituto Superior Técnico, Portugal	21/07/2013	27/07/2013
Figueroa-o'farrill José Miguel	University of Edinburgh	21/07/2013	26/07/2013
Fomenko Anatoly	MSU	01/07/2013	31/07/2013
Fomenko Tatiana	MSU	01/07/2013	31/07/2013
Fontaine Marine	EPFL	01/07/2013	31/12/2013
Fraenkel (mcmillan) Aaron	Boston College, USA	21/07/2013	26/07/2013
Frejlich Pedro	Utrecht University	21/07/2013	26/07/2013
Gay-balmaz François	Ecole Normale Supérieure de Paris	22/07/2013	26/07/2013
Gualtieri Marco	University of Toronto, Canada	21/07/2013	27/07/2013
Gutt Simone	Université Libre de Bruxelles, Belgium	21/07/2013	27/07/2013
Hausel Tamas	EPFL	01/04/2012	01/04/2037
Haut Jérémy	Université catholique de Louvain	21/07/2013	28/07/2013
Hawkins Eli	Radboud University, Netherlands	21/07/2013	26/07/2013
Hohloch Sonja	Ecole Polytechnique Federale de Lausanne (EPFL)	22/07/2013	28/07/2013
Iglesias Ponte David Baldomero	University of La Laguna	21/07/2013	26/07/2013
Jubin Benoît	University of Luxembourg	21/07/2013	27/07/2013
Kaloshin Vadim	University of Maryland	01/07/2013	31/07/2013
Khesin Boris	University of Toronto Department of Mathematics, CA	01/07/2013	31/07/2013
Kiesenhofer Anna	UPC Barcelona	21/07/2013	26/07/2013
Koiller Jair	Applied Mathematics School, Getulio Vargas Foundation	21/07/2013	24/07/2013
Korvers Stéphane	Université catholique de Louvain	21/07/2013	28/07/2013
Kosmann-schwarzbach Yvette	Ecole Polytechnique, France	21/07/2013	28/07/2013
Li Du	Mathematisches Institut, Georg-August-Universität Göttingen	21/07/2013	26/07/2013
Liu Zhangju	Peking University, Department of Mathematics, Beijing, China	20/07/2013	27/07/2013
Lopes Filho Milton	Universidade Federal do Rio de Janeiro	21/07/2013	27/07/2013
Lu Jiang-hua	The University of Hong Kong, China	21/07/2013	26/07/2013
Ludwig Ursula	Departement de Mathématique Paris-Sud	21/07/2013	26/07/2013
Maeda Yoshiaki	Department of Mathematics Faculty of Science and Technology	21/07/2013	27/07/2013
Marcut Ioan	Utrecht University	21/07/2013	27/07/2013
Martinez Torres David	Utrecht University	20/07/2013	26/07/2013
Meinrenken Eckhard	Toronto, Canada	22/07/2013	29/07/2013
Mestre Joao Nuno	Utrecht University	20/07/2013	26/07/2013
Miranda Eva	Universitat Politècnica de Catalunya, Spain	21/07/2013	27/07/2013
Mouquin Victor	University of Hong Kong	21/07/2013	27/07/2013
Mrcun Janez	University of Ljubljana	21/07/2013	27/07/2013
Najafi Alishah Hassan	University of Lisbon	21/07/2013	25/07/2013
Nazarova Ekaterina	Mechanics and Mathematics Department, Saratov State University, Russia	22/07/2013	26/07/2013
Nikolov Stojan	Moscow State University	21/07/2013	27/07/2013

Nikolaenko Stanislav	Moscow State University	21/07/2013	27/07/2013
Oh Yong-geun	IBS Center for Geometry and Physics, University of Wisconsin	21/07/2013	27/07/2013
Ortiz Cristian	Universidade Federal do Paraná	21/07/2013	27/07/2013
Osorno Torres Boris	Utrecht University	20/07/2013	26/07/2013
Pelayo Alvaro	Institute for Advanced Study, Princeton	30/06/2013	31/07/2013
Peterka Mira	University of Kansas	21/07/2013	26/07/2013
Petr Ivo	Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering	21/07/2013	26/07/2013
Pirl Ludovic	EPFL	22/07/2013	26/07/2013
Ratiu Tudor	EPFL	22/07/2013	26/07/2013
Rezakhanlou Fraydoun	Berkeley	01/07/2013	31/07/2013
Romao Nuno	HIM, University of Bonn	22/07/2013	26/07/2013
Rovi Ana	University of Glasgow	21/07/2013	26/07/2013
Roytenberg Dima	Utrecht University	21/07/2013	23/07/2013
Sabatini Silvia	Massachusetts Institut of Technology, Department of Mathematics, USA	22/07/2013	26/07/2013
Schapira Pierre	Jussieu	21/07/2013	26/07/2013
Sheng Yunhe	Jilin University	21/07/2013	27/07/2013
Skerritt Paul	Caltech	20/07/2013	26/07/2013
Smolyanov Oleg		21/07/2013	29/07/2013
Spinnler Florian	Université Catholique de Louvain	21/07/2013	28/07/2013
Tang Xiang	Washington University in Saint Louis, USA	21/07/2013	26/07/2013
Trentinaglia Giorgio	Instituto Superior Técnico - LISBON	22/07/2013	26/07/2013
Vaisman Izu	University of Haifa Department of Mathematics	20/07/2013	27/07/2013
Vizman Cornelia	West university of Timisoara, Romania	21/07/2013	26/07/2013
Vu Ngoc San	Université de Rennes 1	01/07/2013	31/07/2013
Vysoky Jan	Czech Technical University in Prague	21/07/2013	26/07/2013
Wacheux Christophe	Université de Rennes 1	21/07/2013	27/07/2013
Waldmann Stefan	Universität Würzburg	21/07/2013	27/07/2013
Wang Roy	Utrecht university	21/05/2013	27/05/2013
Weinstein Alan	Department of Mathematics - Univesity of California, Berkely	21/07/2013	27/07/2013
Woodward Christopher		23/07/2013	27/07/2013
Xu Ping	Penn State University, Mathematics Departement, State College, USA	21/07/2013	23/07/2013
Xu Xiaoemeng	University of Geneva	21/07/2013	26/07/2013
Yudilevich Ori	Utrecht University	21/07/2013	26/07/2013
Zambon Marco	University of Porto, Portugal	21/07/2013	26/07/2013
Zhang Tao	Peking University & Courant Research Centre, Universitaet Goettingen	21/07/2013	26/07/2013
Zhu Chenchang	University of Grenoble, France	22/07/2013	26/07/2013
Zung Nguyen Tien	Institut de Mathématiques de Toulouse (IMT)	01/07/2013	31/07/2013

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Weinstein conference

DAY 1 - Monday 22. July 2013

- 08:30 to 09:30 [Check-in](#)
- 09:30 to 10:30 [Louis Boutet De Monvel \(Paris VI\)](#)
- 10:30 to 11:00 [Coffee break](#)
- 11:00 to 12:00 [Pierre Schapira \(Paris VI\)](#)
- 12:00 to 13:30 [Lunch break](#)
- 13:30 to 14:30 [Rui Loja Fernandes \(UI Urbana-Champaign\)](#)
- 14:30 to 15:30 [Fraydoun Rezakhanlou \(UC Berkeley\)](#)
- 15:30 to 16:00 [Coffee break](#)

DAY 2 - Tuesday 23. July 2013

- 09:00 to 10:00 [Eckhard Meinrenken \(Toronto\)](#)
- 10:00 to 10:30 [Coffee break](#)
- 10:30 to 11:30 [Alvaro Pelayo \(IAS Princeton\)](#)
- 11:30 to 12:30 [Tudor Ratiu \(EPF Lausanne\)](#)
- 12:30 to 14:00 [Lunch break](#)
- 14:00 to 15:00 [Marius Crainic \(Utrecht\)](#)
- 15:00 to 15:30 [Coffee break](#)
- 15:30 to 16:30 [Marco Gualtieri \(Toronto\)](#)

DAY 3 - Wednesday 24. July 2013

- 09:00 to 10:00 [Stefan Waldmann \(Friedrich August Universitat, Erlangen\)](#)
- 10:00 to 10:30 [Coffee break](#)
- 10:30 to 11:30 [San Vu Ngoc \(Rennes\)](#)
- [SPECIAL OUTING](#)

DAY 4 - Thursday 25. July 2013

- 09:00 to 10:00 [Eva Miranda \(UP Cataluna\)](#)
- 10:00 to 10:30 [Coffee break](#)
- 10:30 to 11:30 [Yvette Kosmann-Schwarzbach \(Ecole Polytechnique\)](#)
- 11:30 to 12:30 [Nguyen Tien Zung \(Toulouse\)](#)
- 12:30 to 14:00 [Lunch break](#)
- 14:00 to 15:00 [Yoshiaki Maeda \(Keio University in Yokohama\)](#)
- 15:00 to 15:30 [Coffee break](#)
- 15:30 to 16:30 [Anton Alekseev \(Geneva\)](#)
- 17:15 to 18:15 [Professor Manuel De Leon BERNOULLI LECTURE](#)
[The lecture will be followed by a cocktail!](#)

DAY 5 - Friday 26. July 2013

- 09:00 to 10:00 [Christopher Woodward \(Rutgers\)](#)
- 10:00 to 10:30 [Coffee break](#)
- 10:30 to 11:30 [Simone Gutt \(Free University, Bruxelles and Metz\)](#)

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18 speaker(s)

Persons	University	Abstract	Title	Date of arrival	Date of departure
Alekseev Anton	University of Geneva, Switzerland	View	Poisson and Tropical Geometry of the dual Poisson-Lie group G^{A^*}	22/07/2013	26/07/2013
Boutet De Monvel Louis	Université Pierre et Marie Curie Universitéit Utrecht, Department of Mathematics, The Netherlands	View	Asymptotic equivariant index	21/07/2013	26/07/2013
Crainic Marius	Dep. Matemática, Instituto Superior Técnico, Portugal	View	Linearization theorems in Poisson Geometry 30 years later	21/07/2013	27/07/2013
Fernandes Rui Loja	University of Toronto, Canada	View	The Stokes groupoids	21/07/2013	27/07/2013
Gualtieri Marco	Université Libre de Bruxelles, Belgium	View	M^c -structures and symplectic Dirac operators	21/07/2013	27/07/2013
Gutt Simone	Ecole Polytechnique, France	View	The Jacobi identity, past and present	21/07/2013	28/07/2013
Kosmann-schwarzbach Yvette	Department of Mathematics Faculty of Science and Technology	View	Star Representation of $SL(2, \mathbb{R})$	21/07/2013	27/07/2013
Maeda Yoshiaki	Toronto, Canada	View	Linearization of Poisson Lie group structures	22/07/2013	29/07/2013
Meinrenken Eckhard	Universitat Politècnica de Catalunya, Spain	View	Normal forms of Poisson structures revisited	21/07/2013	27/07/2013
Miranda Eva	Institute for Advanced Study, Princeton	View	What are the invariants of symplectic geometry?	30/06/2013	31/07/2013
Pelayo Alvaro	EPFL	View	Reduction in complex systems	22/07/2013	26/07/2013
Ratiu Tudor	Berkeley	View	Stochastic Poincare-Birkhoff Theorem	01/07/2013	31/07/2013
Rezakhanlou Fraydoun	Jussieu	View	Some applications of the microlocal theory of sheaves to symplectic topology	21/07/2013	26/07/2013
Schapira Pierre	Université de Rennes 1	View	Symplectic (and Poisson) geometry for quantum magnetic fields	01/07/2013	31/07/2013
Vu Ngoc San	Universität Würzburg	View	Convergence of star products	21/07/2013	27/07/2013
Waldmann Stefan		View	Non-displaceable orbits in toric manifolds and the minimal model program	23/07/2013	27/07/2013
Woodward Christopher		View	Linearization and stability of singular foliations	01/07/2013	31/07/2013
Zung Nguyen Tien	Institut de Mathématiques de Toulouse (IMT)	View			

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					CHF	
FRAENKEL Aaron	21.07 - 26.07.13	participant	1	Jeunôtel	750.00	750.00
LI Du	21.07 -26.07.13	participant	1	Jeunôtel	500.00	500.00
LOPES FILHO Milton	21.07 - 27.07.13	participant	1	Régina	750.00	750.00
MARCUT Ioan	21.07 - 27.07.13	participant	1	Jeunôtel	500.00	500.00
MESTREJoao Nuno	20.07 - 26.07.13	participant	1	Jeunôtel	500.00	500.00
PETR Ivo	21.07 - 26.07.13	participant	1	Jeunôtel	500.00	500.00
ROMAO Nuno	22.'7 - 26.07.13	participant	1	Jeunôtel	500.00	500.00
TANG Xiang	21.07 - 26.07.13	participant	1	Régina	750.00	750.00
YUDILEVICH Ori	21.07 - 26.07.13	participant	1	Jeunôtel	500.00	500.00
ZAMBON Marco	21.07 - 26.07.13	participant	1	Jeunôtel	750.00	750.00
A rembourser au CIB qui a avancé le somme de :					6000.00	6000.00

