

« CONFORMAL AND KÄHLER GEOMETRY » Paris, September 10th – December 14th, 2012

Conference : « Geometry and Physics »

October 8th – 11th, 2012

Amphithéâtre Hermite

ORGANIZERS

Matthew GURSKY (Notre Dame University, USA), **Emmanuel HEBEY** (Université de Cergy Pontoise, France), **Franck PACARD** (École Polytechnique, France), **Jeff VIACLOVSKY** (University of Wisconsin, USA)

SPEAKERS

Robert Beig (University of Vienna, Austria)
Piotr Chruściel (University of Vienna, Austria)
Maceij Dunajski (University of Cambridge, UK)
Albert Fathi (ENS Lyon, France)
Romain Gicquaud (Université François Rabelais, France)
Emmanuel Humbert (Université François Rabelais, France)
James Isenberg (University of Oregon, USA)
Daniel Pollack (Washington University, USA)
Kostas Skenderis (Universiteit van Amsterdam, The Netherland)



PROGRAM

Monday October 8th

01.00 pm – 02.00 pm Registration and Welcome Coffee – Lounge area on second floor

02.00 pm – 03.00 pm	Piotr Chrusciel	Introduction to the Cauchy problem in general relativity, part 1.
03.00 pm – 03.30 pm	Coffee break	Lounge area on second floor
03.30 pm – 04.30 pm	James Isenberg	The Conformal Method and Solutions of the Einstein Constraint Equations: A Status Report.

Tuesday October 9th

09.30 am – 10.30 am	Daniel Pollack	Topological censorship from the initial data point of view.
10.30 am – 11.00 am	Coffee break	Lounge area on second floor
11.00 am – 12.00 pm	Romain Gicquaud	On the mass of asymptotically hyperbolic manifolds.
12.00 pm – 02.00 pm	Lunch	
02.00 pm – 03.00 pm	Piotr Chrusciel	Introduction to the Cauchy problem in general relativity, part 2.
03.00 pm – 03.30 pm	Coffee break	Lounge area on second floor
03.30 pm – 04.30 pm	Kostas Skenderis	Generalized dimensional reduction and holography.

Wednesday October 10th

02.00 pm – 03.00 pm **Piotr Chrusciel** Introduction to the Cauchy problem in general relativity, part 3.
03.00 pm – 03.30 pm Coffee break Lounge area on second floor
03.30 pm – 04.30 pm **Robert Beig** Mountains for Neutron Stars.

07.00 pm – 09.30 pm Cocktail Dinner *Pierre and Marie Curie University (UPMC)*
Zamensky Tower – 24th floor
4 place Jussieu – Paris
Subway line 7 - Station : Jussieu
Note : bring your ID card

Thursday October 11th

09.30 am – 10.30 am **Albert Fathi** On constructions of time functions.
10.30 am – 11.00 am Coffee break Lounge area on second floor
11.00 am – 12.00 pm **Emmanuel Humbert** Conformal constraint equations and limit equation.

12.00 pm – 02.00 pm Lunch

02.00 pm – 03.00 pm **Piotr Chrusciel** Introduction to the Cauchy problem in general relativity, part 4.
03.00 pm – 03.30 pm Coffee break Lounge area on second floor
03.30 pm – 04.30 pm **Maciej Dunajski** Solitons from geometry.