

Conformal and Kähler Geometry

September 10th – December 14th, 2012

Institut Henri Poincaré – 11 rue Pierre et Marie Curie, 75005 Paris - France

Organizing Committee: M. Gursky (Notre Dame), E. Hebey (Cergy-Pontoise), F. Pacard (Ecole Polytechnique), J. Viaclovsky (Wisconsin)

■ Mini-courses

Olivier Druet - ENS-Lyon	: An introduction to Conformal Geometry
Simon Brendle - Stanford	: The Sphere Theorem
Fernando Codá Marques - IMPA	: The Yamabe Problem: compactness and noncompactness questions
Olivier Biquard - UPMC	: Asymptotic Geometry of Einstein Metrics
Claude LeBrun - Stony Brook	: Curvature Functionals, Kahler Metrics, and the Geometry of four- Manifolds
Sean Paul - Wisconsin	: An Introduction to the Tian-Yau-Donaldson Conjecture
Piotr Chruściel - Vienna	: Introduction to the Cauchy problem in general relativity

■ Conferences

September	17 - 21	« Conformal and Kähler Geometry » - IHP
October	8 - 12	« Geometry and Physics » - IHP
October	22 - 26	« Conformal Geometry » - Nantes
November	5 - 9	« Geometric PDEs » - IHP
December	10 - 14	« Recent Developments in Kähler Geometry » - IHP

Scientific Committee : J.-P. Bourguignon (IHÉS), S.-Y.A. Chang (Princeton), C. LeBrun (Stony Brook), R. Schoen (Stanford), P. Yang (Princeton)

■ Program coordinated by the Centre Émile Borel of the IHP

■ Registration is free but mandatory, directly from the website : www.ihp.fr

Deadline for financial support request : February 12th, 2012

Participation of PhD students and postdocs is strongly encouraged

■ For more information, please contact the CEB Manager Sylvie Lhermitte : ckgeom@ihp.fr

Scientific programme on <http://www.math.polytechnique.fr/ihp-ckgeom/>