

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

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|-----------|---------|--|
| 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/>