

Mathematical Physics Seminar

Mondays 16:00–17:15, Room 0089

Scheduled talks – 2nd Semester 2009/10

- 01.III.2010 **João Baptista** (Universiteit van Amsterdam, The Netherlands)
Are vortices boundaries of singular monopoles?
- 08.III.2010 **Andrzej Wereszczyński** (Uniwersytet Jagielloński, Cracow, Poland)
Solvable Skyrme-type models
- 15.III.2010 **Zbigniew Błocki** (Uniwersytet Jagielloński, Cracow, Poland)
Donaldson's conjecture on the space of Kähler metrics
- 29.III.2010 **Rafał Suszek** (Universität Hamburg, Germany)
On gerbes, generalised geometry and sigma-models
- 12.IV.2010 **Nuno Romão** (Uniwersytet Jagielloński, Cracow, Poland)
Vortex moduli spaces and Grassmann manifolds
- 19.IV.2010 **Piotr Zgliczyński** (Uniwersytet Jagielloński, Cracow, Poland)
Heteroclinic orbits for the Kuramoto–Sivashinsky equation
- 29.IV.2010 **Romuald Janik** (Uniwersytet Jagielloński, Cracow, Poland)
(Thursday!) *AdS/CFT, integrability, Hopf algebras and gauge theory results from strings*
- 06.V.2010 **Harald Grosse** (Universität Wien, Austria)
(Thursday!) *Quantum field theory in deformed spacetime*
- 10.V.2010 **Bernd Schroers** (Heriot–Watt University, Edinburgh, UK)
Galilean quantum gravity in 2 + 1 dimensions
- 17.V.2010 No seminar held, to avoid clash with the Łojasiewicz Lecture
- 20.V.2010 **Maciej Dunajski** (University of Cambridge, UK)
(Thursday!) *Geometry of paths: from Gulliver's travels to twistor theory*
- 27.V.2010 **Roger Bielawski** (University of Leeds, UK)
(Thursday!) *Magnetic monopoles and asymptotic hyperkähler metrics*
- 31.V.2010 **Ignasi Mundet i Riera** (Universitat de Barcelona, Spain)
Twisted holomorphic maps on cylinders and gradient flow lines
- 07.VI.2010 **Leszek Hadasz** (Uniwersytet Jagielloński, Cracow, Poland)
Quantum Liouville theory and uniformization of Riemann surfaces

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<http://th.if.uj.edu.pl/~romao/MathPhysSeminar.html>