

Mathematical Physics Seminar

Mondays 16:00–17:15, Room 0089

Scheduled talks – 1st Semester 2009/10

- 05.X.2009 Organizational meeting
- 22.X.2009 **Yasha Shnir** (National University of Ireland, Maynooth, Ireland)
(Thursday!) *Gravitating lumps and monopoles in 3+1 and 4+1 dimensions*
- 26.X.2009 **Joaquín Sánchez-Guillén** (Universidade de Santiago de Compostela, Spain)
Nonabelian holonomies, loop spaces and integrability
- 05.XI.2009 **Dmitri Alekseevsky** (University of Edinburgh, UK)
(Thursday!) *Para-Kähler–Einstein homogeneous manifolds of a semisimple Lie group*
- 09.XI.2009 **Martin Speight** (University of Leeds, UK)
Wave-map flow and the geometry of the space of holomorphic maps
- 19.XI.2009 **Pawel Nurowski** (Uniwersytet Warszawski, Poland)
(Thursday!) *Conformal geometry of differential equations*
- 23.XI.2009 **Nuno Romão** (Uniwersytet Jagielloński, Cracow, Poland)
(Thursday!) *Gauged vortices and localisation I*
- 30.XI.2009 **Nuno Romão** (Uniwersytet Jagielloński, Cracow, Poland)
Gauged vortices and localisation II
- 07.XII.2009 **Marc Henneaux** (Université Libre de Bruxelles, Belgium)
Lorentzian Kac–Moody algebras, Borchers superalgebras and maximal supergravity
- 14.XII.2009 **Andrei Halanay** (Uniwersytet Jagielloński, Cracow, Poland)
Moduli spaces of sheaves over elliptic principal bundles
- 11.I.2010 **Jens Fjelstad** (Karlstads Universitet, Sweden)
Some properties of TQFT representations of mapping class groups
- 18.I.2010 **Ben Warhurst** (Università degli Studi di Milano-Bicocca, Italy)
Symmetry and conformality in sub-Riemannian geometry
- 25.I.2010 **Gábor Etesi** (Budapesti Műszaki és Gazdaságtudományi Egyetem, Hungary)
An S-duality check in Abelian gauge theory over ALF spaces

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