

Geometric structures on manifolds and their applications

Organizers:

Ilka Agricola (Marburg, Germany)
Andrew Dancer (Oxford, Great Britain)
Anna Maria Fino (Torino, Italy)
Nigel Hitchin (Oxford, Great Britain)

Plenary speakers:

Laura Maria Barberis (Cordoba, Argentina)
Marco Gualtieri (Toronto, Canada)
Jorge Lauret (Cordoba, Argentina)
McKenzie Y. Wang (McMaster, Canada)
Burkhard Wilking (Münster, Germany)
Wolfgang Ziller (Philadelphia, USA)

Topics include:

- Einstein metrics
- Sasakian & almost Hermitian geometry, G_2 geometry
- general holonomy theory for connections with torsion
- Dirac operators and spin geometry
- generalized Kähler geometry & calibrated geometry
- applications to superstring theory & mathematical physics

Contact:

Monika Teubner (teubner@mathematik.uni-marburg.de)
<http://www.mathematik.uni-marburg.de/~agricola/rausch2012/>

Philipps



Universität
Marburg