

Geometry

WARWICK
THE UNIVERSITY OF WARWICK

- in honour of Mario Micaleff's 60th birthday

8-10 May 2017

Local Organiser: Peter Topping

PROGRAMME

All lectures will be held in Room MS.04, Mathematics Institute

Monday 8th May 2017

- 08.15 Minibuses leave Milsoms for those staying in Kenilworth
- 08.30-09.00 Registration in Room B1.37, Mathematics Institute
- 09:00-09:55 **Claudio Arezzo** (ICTP) *On the existence of constant scalar curvature Kahler metrics*
- 10:00-10:55 **Yng-Ing Lee** (NTU/Oxford) *Lagrangian mean curvature*
- 10:55-11:30 Coffee in the Mathematics Institute Common Room
- 11:30-12:25 **Vlad Moraru** (L'Aquila) *A splitting result for the scalar curvature*
- 12:25-14:00 Lunch in the Mathematics Institute Common Room
- 14:00-14:55 **Emanuele Spadaro** (Leipzig) *The structure of the singular set of Dirichlet minimizing multiple valued functions*
- 14:55-15:30 Coffee in the Mathematics Institute Common Room
- 15.30-16.25 **Georgios Moschidis** (Princeton/Cambridge) *A proof of the instability of AdS spacetime for the Einstein-null dust system*
- 17.00 Wine in the Mathematics Institute Common Room
- 18.00 Dinner in the Mathematics Institute Common Room
- 20.30 Minibuses return to Kenilworth

(Continued over)

EPSRC
Engineering and Physical Sciences
Research Council

For further information on events at the Mathematics Institute, see: go.warwick.ac.uk/mathsevents
or contact: Mathematics Research Centre, Zeeman Building, University of Warwick, Coventry CV4 7AL, UK
E-mail: mrc@maths.warwick.ac.uk Phone: +44(0)24 7652 8317 Fax: +44(0)24 7652 3548

PROGRAMME cont.

Tuesday 9th May 2017

- 08.15 Minibuses leave Milsoms for those staying in Kenilworth
- 09:00-09:55 **Melanie Rupflin** (Oxford) *Eigenvalues of the Laplacian on degenerating surfaces*
- 10:00-10:55 **Ailana Fraser** (UBC) *Existence of harmonic maps into CAT(1) spaces*
- 10:55-11:30 Coffee in the Mathematics Institute Common Room
- 11:30-12:25 **Ben Sharp** (Warwick) *The spectrum of the Jacobi operator on minimal hypersurfaces*
- 12:25-14:00 Lunch in the Mathematics Institute Common Room
- 14:00-14:55 **Rick Schoen** (UC Irvine) *Manifolds with positive isotropic curvature*
- 14:55-15:30 Coffee in the Mathematics Institute Common Room
- 15.30-16.25 **Andre Neves** (Imperial/Chicago) *The Weyl Law for the volume spectrum*
- 17.00 Minibuses return to Kenilworth.
- 18.00 Minibuses return to Kenilworth.
- 18.30 Dinner at The Cross restaurant, Kenilworth

Wednesday 10th May 2017

- 08.15 Minibuses leave Milsoms for those staying in Kenilworth
- 09:00-09:55 **Martin Li** (CUHK) *Chord shortening flow and a theorem of Lusternik and Schnirelmann*
- 10:00-10:55 **Davi Maximo** (U Penn) *On Morse index estimates for minimal surfaces*
- 10:55-11:30 Coffee in the Mathematics Institute Common Room
- 11:30-12:25 **Tobias Lamm** (KIT) *Limits of α -harmonic maps*
- 12:25-14:00 Lunch in the Mathematics Institute Common Room