THE UNIVERSITY of ADELAIDE

Geometric Quantisation

27-31 July 2015

Venue: Ingkarni Wardli building 7.15 at the University of Adelaide

Geometric quantisation has been an increasingly active area since before the 1980s, with links to physics, symplectic geometry, representation theory, index theory, and differential geometry and geometric analysis in general. In addition to its relevance as a field on its own, it acts as a focal point for the interaction between all of these areas, which has yielded far-reaching and powerful results. This workshop features a large number of international speakers, who are all well-known for their work in (differential) geometry, representation theory and/or geometric analysis. This is a great opportunity for anyone interested in these areas to meet and learn from some of the top mathematicians in the world. *Students are especially welcome.*

Invited Speakers

Maxim Braverman (Northeastern)	Paul-Émile Paradan (Montpellier 2)
Fei Han (National U of Singapore)	Jennifer Vaughan (Toronto)
Anthony Henderson (Sydney)	Michèle Vergne (Jussieu)
Rung-Tzung Huang (National Central)	Siye Wu (National Tsing Hua)
Nigel Higson (Penn State)	Romero Solha (Minas Gerais)
Yiannis Loizides (Toronto)	Yanli Song (Toronto)
Xiaonan Ma (Paris 7)	Jonathan Weitsman (Northeastern)
Eckhard Meinrenken (Toronto)	Weiping Zhang (Chern Institute)

Organisers

Peter Hochs (Adelaide)
Mathai Varghese (Adelaide)
Anthony Licata (ANU)
Hang Wang (Adelaide)

Contact

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School of Mathematical Sciences
University of Adelaide
Adelaide, South Australia, 5005

No registration fee is required. Register at

www.iga.adelaide.edu.au/workshops/July2015/

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