

Monday 27/06/11

9.30 am Morning Tea, Maths building C26, R213

10.00 am **John Bland** (University of Toronto, ANU)
MONGE-AMPÈRE, EGUCHI-HANSON AND GRAVITONS – AN OBSERVERS
VIEWPOINT
Lecture 1. The homogeneous Monge-Ampère equation and the smooth quadric

11.15 am **Sergey Ivashkovitch** (University of Lille, France)
METHOD OF PSEUDOHOLOMORPHIC CURVES AND ITS APPLICATIONS
Lecture 1. Complex Structures on the Plane and Beltrami Equation

2.00 pm **Alexander Isaev** (Australian National University, Canberra)
Extracting invariants of quasihomogeneous isolated hypersurface
singularities from their moduli algebras.

3.15-3.35 pm **Matthew Randall** (Australian National University, Canberra)
Local obstructions to 2-dimensional projective structures admitting
skew-symmetric Ricci tensor

6.00 pm **Gerd Schmalz** (University of New England, Armidale)
Public Lecture about Fractals, Lewis Lecture Theatre, Bld. C28

Tuesday 28/06/11

9.30 am Morning Tea, Maths building C26, R213

10.00 am **John Bland** (University of Toronto, ANU)
MONGE-AMPÈRE, EGUCHI-HANSON AND GRAVITONS – AN OBSERVERS
VIEWPOINT
Lecture 2. The parameter space – Cauchy Riemann structures and
projective structures

11.15 am **Sergey Ivashkovitch** (University of Lille, France)
METHOD OF PSEUDOHOLOMORPHIC CURVES AND ITS APPLICATIONS
Lecture 2. Complex Curves in Almost Complex Manifolds.

Wednesday 29/06/11

9.30 am Morning Tea, Maths building C26, R213

10.00 am **John Bland** (University of Toronto, ANU)
MONGE-AMPÈRE, EGUCHI-HANSON AND GRAVITONS – AN OBSERVERS
VIEWPOINT
Lecture 3. Hyperkähler reductions and nonlinear gravitons

11.15 am **Sergey Ivashkovitch** (University of Lille, France)
METHOD OF PSEUDOHOLOMORPHIC CURVES AND ITS APPLICATIONS
Lecture 3. Gromov Compactness Theorem.

2.00 pm **Vladimir Ezhov** (University of South Australia, Adelaide)
Normal forms and symmetries of real hypersurfaces of finite type

3.15 pm **Adam Harris** (University of New England, Armidale)
Title: Hyperbolicity and automorphisms of an unbounded domain

Thursday 30/06/11

9.30 am Morning Tea , Maths building C26, R213

10.00 am **John Bland** (University of Toronto, ANU)
MONGE-AMPÈRE, EGUCHI-HANSON AND GRAVITONS – AN OBSERVERS
VIEWPOINT
Lecture 4. Twistor space – an observer's viewpoint

11.15 am **Sergey Ivashkovitch** (University of Lille, France)
METHOD OF PSEUDOHOLOMORPHIC CURVES AND ITS APPLICATIONS
Lecture 4. Moduli Spaces of J-Complex Curves.