Loughborough University
Department of Mathematical Sciences

Mathematical Physics Seminars 2012

Wednesdays   4 pm   Room W003

February 1   Ian Strachan (Glasgow)   Elliptic V-systems and solutions of the WDVV equations

February 15   Hans-Joachim Hein (Imperial)   Ricci-flat manifolds and integrable systems

February 22   Ruben Mkrtchyan (Yerevan) Universal Lie algebra and duality
Derek Harland   Large N limit of Nahm transform

February 29   Benoit Huard   On the central quadric ansatz and Painleve equations
Mikhal Marvan (Opava)   On the spectral parameter problem

March 7   Konrad Schoebel (Jena) The geometry of integrable Killing tensors on the 3-sphere

March 14   Iosif Krasilshchik (Moscow) Natural coverings over PDEs and integrability

April 25   Alexey Bolsinov   Jordan-Kronecker invariants of finite-dimensional Lie algebras

May 2   Marta Mazzocco   Painleve cubics and cluster algebra dynamics

May 9   Nikolay Gromov (King's College London)   Integrability in quantum gauge theory

May 15 Hovhannes Khudaverdian (Manchester) Operator pencil passing through a given operator on the line

May 16   Joel Nagloo (Leeds) Algebraic independence of the solutions of a generic Painleve equation
Tom Sutherland (Oxford)   Painleve quivers

Organiser: A.P. Veselov