

MATHEMATICAL PHYSICS AND DEVELOPMENTS IN ALGEBRA

Schedule

Tuesday, July 3:

- 15:45-16:25 **Romuald Janik (Krakow)** "Some uses of Hopf algebras in string theory and the AdS/CFT correspondence"
- 16:25-17:05 **Maxim Zabzine (Uppsala)** "Odd dimensional gauge theories and contact geometry"
- 17:05-17:45 **Michael Shapiro (Michigan State)** "Pentagram map and cluster algebra"

Wednesday, July 4:

- 14:30-15:10 **Daniel Persson (Gothenburg)** "Hyperholomorphic bundles and dilogarithm identities"
- 15:10-15:50 **Igor Burban (Bonn)** "Vector bundles on curves of genus one and the classical Yang-Baxter equation"
- 15:50-16:30 **Eddy Ardonne (Nordita, Stockholm)** "Quantum groups in physics: 2d topological states of matter and their edges"

Friday, July 6:

- 10:45-11:25 **Jerzy Lukierski (Wroclaw)** "Braided NC quantum fields and quantum covariance"
- 11:25-12:05 **Hjalmar Rosengren (Gothenburg)** "From three-coloured chessboards to Painlevé VI"
- 12:05-12:45 **Volodymyr Mazorchuk (Uppsala)** "Category O for quantum groups"

The talks will be at the AGH University of Science and Technology, room 118, A3.