



EUROPEAN
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ESF Research Conferences

A Programme of the European Science Foundation

Geometric Representation and Invariant Theory Algebraic Quantization and Deformations

Spa, Belgium, 16-21 September 2005

Chair: **Fred Van Oystaeyen** (University of Antwerp, BE)

Vice-Chair: **Blas Torrecillas** (University of Almeria, ES)

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Final Programme

On line at: <http://www.esf.org/conferences/pc05197>

Friday 16 September

Late afternoon / early evening	Registration at the hotel reception and ESF desk
19.30	Welcome drink
20.00	Dinner

Saturday 17 September

Session 1

08.30-09.00	Conference Opening
09.00-09.40	Anthony Joseph (Weizmann Institute, Rehovot, IL) <i>Invariants in the symmetric algebra of a truncated biparabolic algebra</i>
09.40-10.00	Discussion
10.00-10.40	Markus Reineke (Münster University, DE)
10.40-11.00	Discussion
11.00-11.30	Coffee break
11.30-12.10	Alexei Rudakov (NTNU Gloeshaugen, Tromsø, NO)
12.10-12.20	Discussion
13.00	Lunch

Session 2

16.30-17.00	Coffee break
17.00-17.40	Short Communications
17.40-18.00	Discussion
18.00-18.40	Anna Melnikov (Haifa University, IL) <i>B-orbits of nilpotent order 2 in upper-triangular matrices and description of corresponding orbital varieties</i>
18.40-19.00	Discussion
19.30	Dinner

Sunday 18 September

Session 3

09.00-09.40	Short Communications
09.40-10.00	Discussion
10.00-10.40	Sergei Silvestrov (Lund University, SE) <i>Quasi-Lie algebras, deformations and representations</i>
10.40-11.00	Discussion
11.00-11.30	Coffee break
11.30-12.10	Michel Brion (University of Grenoble 1, FR) <i>Stable spherical varieties and their moduli</i>
12.10-12.20	Discussion
13.00	Lunch
14.00	Short Communications
16.30-17.00	Coffee break
17.00	Short Communications
19.30	Dinner

Monday 19 September

Session 5

09.00-09.40	Short Communications
09.40-10.00	Discussion
10.00-10.40	Claudia Menini (University of Ferrara, IT) <i>A First Step in the Classification of Dual Yetter-Drinfeld Quadruples</i>
10.40-11.00	Discussion
11.00-11.30	Coffee break
11.30-12.10	Dragos Stefan (University of Bucharest, RO) <i>Quantum rigidity' and Milnor-Moore Theorem</i>
12.10-12.20	Discussion
13.00	Lunch
14.00	Half-day excursion
20.00	Get-together-drinks and Conference Dinner

Tuesday 20 September

Session 6

09.00-09.40	Maxim Nazarov (University of York, UK) <i>Yangians and universal enveloping algebras</i>
09.40-10.00	Discussion
10.00-10.40	Louis Kauffman (University of Illinois at Chicago, US) <i>cancelled</i>
10.40-11.00	Discussion
11.00-11.30	Coffee break
11.30-12.10	Michel Van den Bergh (Limburgs Universitair Centrum, Diepenbeek, BE)
12.10-12.20	Discussion
13.00	Lunch

Session 7

16.30-17.00	Coffee break
17.00-17.40	Lieven Le Bruyn (University of Antwerp, BE)
17.40-18.00	Discussion
18.00-18.40	Bernhard Keller (University of Paris 7, FR) <i>The cluster multiplication theorem</i>
18.40-19.00	Discussion
19.30	Dinner
21.00	Special discussion about the future of the conference series

Wednesday 21 September

Session 8

09.00-09.40	Andras Szenes (BME Institute of Mathematics, Budapest, HU)
09.40-10.00	Discussion
10.00-10.40	Pascual Juara (University of Granada, ES)
10.40-11.00	Discussion
11.00-11.30	Coffee break
11.30-12.10	Claudio Procesi (University of Roma La Sapienza, IT)
12.10-12.20	Discussion
13.00	Lunch and departure