

Algebra, Deformations and Quantum groups Conference

Monday 1st December 2014

9h00-9h40 Dimitri Gurevich, *University of Valenciennes (France)*

Derivatives in Noncommutative calculus and deformation property of quantum algebras.

9h50-10h30 Sylvie Paycha, *University Potsdam (Germany)*

A coproduct on cones and its applications.

Coffee break

11h-11h40 Julien Bichon, *University of Clermont-Ferrand (France)*

Cohomological dimensions of Hopf algebras.

11h50-12h30 Iván Ezequiel Angiono, *University of Cordoba (Argentina)*

Distinguished pre-Nichols algebras.

Lunch

14h-14h40 Vincel Hoang Ngoc Minh, *University of Lille II (France)*

(pure) Transcendence bases in ϕ -deformed shuffle bialgebras. Application to identify the locale coordinates in the groupe of associators.

14h45-15h25 Yinhuo Zhang, *University of Hasselt (Belgium)*

Braided autoequivalences, quantum commutative Galois objects and the Brauer groups"

Coffee break

15h50-16h30 Ralf Holtkamp, *University of Hamburg (Germany)*

On symmetrized primitive operations.

16h35-17h15 Juan Cuadra, *University of Almeria (Spain)*

On the existence of orders in semisimple Hopf Algebras.

17h20-18h Giovanni Landi, *University of Trieste (Italy)*

The geometry of quantum lens spaces.

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Tuesday 2nd December 2014

8h30-9h10 Michel Dubois-Violette, *CNRS Université Paris-Sud (France)*
The Weil algebra of a Hopf algebra.

9h20-10h James Zhang, *University of Whashington (United States)*
Nakayama automorphism and quantum group actions on Artin-Schelter regular algebras.

Coffee break

10h30-11h10 Dominique Manchon, *CNRS University of Clermont-Ferrand (France)*
The double shuffle structure of the Ohno-Okuda-Zudilin q -multiple zeta values.

11h20-12h Martin Schlichenmaier, *University of Luxembourg (Luxembourg)*
Lie superalgebras of Krichever-Novikov type.

Lunch

14h-14h40 Roland Berger, *University of Saint-Etienne (France)*
Koszul calculus and Calabi-Yau algebras.

14h45-15h25 Jacques Alev, *University of Reims (France)*
The enveloping skewfields of some super Lie algebras.

Coffee break

15h50-16h30 Arvid Siqueland, *HBV University (Norway)*
The Noncommutative Serre theorem.

16h35-17h15 Peter Schauenburg, *Université de Bourgogne (France)*
Higher Frobenius-Schur indicators in group-theoretical fusion categories.

17h20-18h Agustin Garcia, *University of Cordoba (Argentina)*
Pointed Hopf algebras with abelian group.

Algebra, Deformations and Quantum groups Conference

Wednesday 3th December 2014

8h30-9h10 Olav Arfinn Laudal, *University of Oslo (Norway)*
Algebras, Deformations, Gauge Groups and the standard model.

9h20-10h Robert Coquereaux, *CNRS University of Aix-Marseille (France)*
Sum rules and conjugation properties for multiplicities in tensor products of representations of Lie groups and in the corresponding fusion products at level k .

Coffee break

10h30-11h10 Chengming Bai, *Nankai University (China)*
A framework for the study of the classical Yang-Baxter equation.

11h15-11h55 Volodya Roubtsov, *University of Angers (France)*
Quantisation of Poisson structures on Painlevé monodromy varieties.

12h-12h30 Bouthaina Boutabia, *University of Annaba (Algeria)*
DKP particle in the one dimensional box.

Lunch

Free afternoon

Algebra, Deformations and Quantum groups Conference

Thursday 4th December 2014

8h30-9h10 Christian Kassel, *University of Strasbourg (France)*
Versal deformation spaces for quantum groups.

9h20-10h Anthony Giaquinto, *University of Chicago (United States)*
Quantum Symmetry, Preferred Deformations, and the Peter-Weyl Theorem.

Coffee break

10h30-11h10 Friedrich Wagemann, *University of Nantes (France)*
Deformation quantization of Leibniz algebras.

11h20-12h Rafael Diaz, *University of Bogota (Colombia)*
Deformations of N-differential graded algebras.

Lunch

14h-14h40 Sergei Silvestrov, *Mälardalen University (Sweden)*
Quasi Lie algebras and Hom-algebra structures.

14h45-15h25 Yunhe Sheng, *Jilin University (China)*
On hom-Lie algebras and their categorification.

Coffee break

15h50-16h30 Blas Torrecillas Jover, *University of Almeria (Spain)*
Frobenius and separable functors for the category of generalized entwined modules.

16h35-17h15 Vladimir Bavula, *University of Sheffield (U.K.)*
Weakly left localizable rings.

17h20-18h Said Aissaoui, *University of Béjaia (Algeria)*
On classification of finite-dimensional superbialgebras and Hopf superalgebras.

Algebra, Deformations and Quantum groups Conference

Friday 5th December 2014

8h30-9h10 Bruno Vallette, *University of Nice Sophia-Antipolis (France)*

Intersection theory and homotopical algebra.

9h20-10h Anne Pichereau, *University of Saint-Etienne (France)*

Une algèbre Calabi-Yau vue comme déformation d'une algèbre de Poisson.

Coffee break

10h30-11h10 Andrea Solotar, *University of Buenos Aires (Argentina)*

3-Calabi-Yau down-up algebras.

11h20-12h José Gómez-Torrecillas, *University of Granada (Spain)*

Weak multiplier bialgebras.

12h05-12h45 Alexander Stolin *Goetheborg University (Sweden)*

Classification of quantum groups

Lunch