

Hopf Algebras

and related topics in algebra, geometry and category theory

@ Brussels

28-29 September 2016

Université Libre de Bruxelles

Mitchell Buckley · Hoan-Phung Bui · Dimitri Chikhladze · Timmy Fieremans · Isar Goyvaerts · Jonathan Grant · Jiawei Hu · Theo Raedschelders · Anna Vanden Wyngaerd · Christina Vasilakopoulou · Adam-Christiaan Van Roosmalen

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Brussels, September 28 & 29, 2016

- September 28 Room OF2064 (building F, groundfloor)
- 09.30-10.15 **Mitchell Buckley** (Université Libre de Bruxelles)
Skew monoidal categories
- 10.15-10.45 *Coffee break*
- 11.45-11.30 **Christina Vasilakopoulou** ((soon at) Université Libre de Bruxelles)
Interval Sheaves and Abstract Machines
- 11.40-12.25 **Timmy Fieremans** (Vrije Universiteit Brussel)
Descent and Galois theory for Hopf categories
- 12.25-14.00 *Lunch*
- 14.00-14.45 **Jonathan Grant** ((soon at) Université Libre de Bruxelles)
Quantum Groups and Categorification
- 14.45-15.30 **Anna Vanden Wyngaerd** (Université Libre de Bruxelles)
Hilbert Scheme of n points in plane
- 15.30-16.00 *Coffee break*
- 16.00-16.45 **Theo Raedschelders** (Vrije Universiteit Brussel)
Geometry in triangulated categories

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- September 29 Room OF2058 (building F, groundfloor)
- 09.30-10.15 **Hoan-Phung Bui** (Université Libre de Bruxelles)
Compatibility of Hopf Galois structures for separable field extensions
- 10.15-10.45 *Coffee break*
- 11.45-11.30 **Jiawei Hu** (Université Libre de Bruxelles)
Partial actions of Hopf algebras revisited
- 11.40-12.25 **Isar Goyvaerts** (University of Torino)
Lifting pairs of adjoint monoidal functors
- 12.25-14.00 *Lunch*
- Room OF2064 (building F, groundfloor)
- 14.00-14.45 **Adam-Christiaan Van Roosmalen** (Universiteit Hasselt)
Hall algebras and quantizations of locally finite Lie algebras
- 14.45-15.30 **Dimitri Chikhladze** (Université Libre de Bruxelles)
Noncommutative Galois theory/Coalgebraic simplicial homotopy theory
- 15.30-... *Coffee break*

All talks take place at ULB campus "Plaine", for directions see
<http://www.ulb.ac.be/campus/plaine/plan-en.html>

Everybody is cordially invited!

Lunch will be offered to participants who register before September 26 at jvercruy@ulb.ac.be, please indicate which day(s) you stay.

J. Vercauteren