

Noncommutative rings and their Applications

Lens 29th June - 2nd July 2009

The talks will take place in local E7 building A

MONDAY, 29th June

8h00-9h15: Breakfast (cafetariat, R.U.)

9h30: Registration.

9h50: Welcoming remarks.

10h00-10h45

S.K. Jain (Ohio university, Athens, USA), *Rings whose cyclics have certain homological properties-A survey.*

10h55-11h40

J. Matczuk (University of Warsaw, Poland), *Double Ore Extensions versus Iterated Ore Extensions.*

11h45-12h30

D. Herbera (Autonoma University of Barcelona), *Infinitely generated projective modules over pullbacks of rings.*

12h30 Lunch (University restaurant)

14h00-14h45

J. Krempa (University of Warsaw, Poland), *Some generalizations of reduced rings.*

15h00-15h55

P. Solé (Univerisy of Nice, CNRS, France), *Coding Theory over Fields.*

16h00-17h00

P. Solé (University of Nice, CNRS, France), *Quasi Cyclic Codes over rings.*

17h15-18h00

F. Ulmer (University of Rennes, France), *Coding theory with skew polynomial rings.*

TUESDAY, 30th June

8h00-9h00: Breakfast (cafetariat, University restaurant.)

9h00-9h45

M. Ferrero (Federal University of Rio Grande do sul, Brasilia), *Partial actions of groups on algebras.*

9h50-10h35

Y. Lequain (University of Rio de Janeiro, Brasilia), *Cyclic maximal left ideals of the Weyl algebras: an algorithm.*

10h45-11h30

G. Aranda Pino (University of Malaga, Spain), *Prime spectrum and primitive Leavitt path algebras.*

11h35-12h20

K. Crow (American University in Cairo, Egypt), *Centers of Exchange Leavitt Path Algebras.*

12h30 Lunch (University restaurant)

14h00-14h55

P. Solé (Universiy of Nice, CNRS, France), *Four Applications of Z_4 codes.*

15h00-16h00

P. Solé (Universiy of Nice, CNRS, France), *Skew polynomial rings and coding.*

16h15-17h00

S. Dougherty (University of Scranton, USA), *Self-dual codes over rings.*

17h10-17h45

M. Boulagouaz (University of Fes, Morocco), *To be announced*

18h00 **Conference picture.**

WEDNESDAY, 1st July

7h45-8h30 Breakfast (cafetariat, University restaurant)

8h30-9h15

C. Polcino Milies (University of Sao Paulo, Brasilia), *Lie nilpotence of skew symmetric elements in group algebras.*

9h20-10h05

T. Juhash (Eszterhazy Karoly College, Eger, Hungary), *Derived length of symmetric and skew symmetric elements in group algebras.*

10h10-10h55

P. Kanwar (University of Ohio, Zanesville, USA), *Lie regular generators of general linear groups.*

11h05-11h50

L. Vas (University of Philadelphia, USA), *Cleanness of Von Neumann algebras.*

11h55-12h40

A.C. Ozcan (University of Hacettepe, Ankara, Turkey), *Rings close to semiregular.*

12h45 Lunch (University restaurant)

14h00-14h45

A. Cherchem (University of Alger, Algeria), *Suites récurrentes linéaires sur des corps non commutatifs.*

14h50-15h35

T. Garici (University of Alger, Algeria), *Suites récurrentes linéaires sur des anneaux de matrices.*

15h45-16h45

M. Boulagouaz (University of Fes, Morocco), *Les mathématiques et la cryptographie.*

16h50-17h35

N. Bouchakour (University of Blida, Algeria), *les courbes elliptiques et leurs applications en cryptographie.*

17h40-18h25

I. Muchtadi, (University of Bandung, Indonesia), *Elliptic Curve Weak Class Indentification for the Security of Cryptosystem.*

19h30 Conference banquet

THURSDAY, 2nd July

8h00-9h00: Breakfast (cafetariat, University restaurant.)

9h00-9h45

M. Marzena Filipowicz (Technical University of Białystok, Poland), *On filial and left filial algebras.*

9h50-10h35

M. Hryniewicka (University of Białystok, Poland), *Actions of Lie superalgebras on semiprime algebras with central invariants.*

10h45-11h30

M. Alkan (University of Hacettepe, Ankara, Turkey), *A generalization of projective covers.*

11h35-12h20

P. Aydogdu (University of Hacettepe, Ankara, Turkey), *A generalization of semiregular and almost principally injective rings.*

12h30 Lunch (University restaurant)

14h00-14h45

A. Tonolo (University of Padova, Italy), *Tilting Equivalences, from module categories to derived categories.*

14h50-15h35

P. Patricio (University of Winho, Portugal), *On Drazin invertibility over rings.*

15h45-16h30

Y. Drozd (National Academy of Sciences, Kiev, Ukraina), *Relating nodal curves to finite dimensional algebras.*

16h35-17h20

A. Gasparayan (University of Pereslavl-Zalesski), *Some properties of tensor rings.*

17h25-18h10

I. Irawati (University of Bandung, Indonesia), *Endomorphism Ring of a Uniserial module.*

End of the congress