

**XXI<sup>e</sup> Rencontre de  
THÉORIE des REPRÉSENTATIONS des ALGÈBRES**

**XXI<sup>st</sup> Meeting on  
REPRESENTATION THEORY of ALGEBRAS**

**P R O G R A M M E**

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**Vendredi 2 octobre / Friday, 2<sup>nd</sup> of October, 2009**

Salle D6-0046 / Room D6-0046, Université de Sherbrooke

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|----------------|--|
| 9:00 – 9 :30   | Café et inscription / Coffee and Registration  |
| 9 :30 – 10 :20 | Kiyoshi Igusa (Brandeis University)<br>Comparison of views on finitistic projective dimension                          |
| 10:30 – 11:20  | Mark Kleiner (Syracuse University)<br>Adjoint functors, projectivization and representations of partially ordered sets |
| 11h30 -12-20   | Ragnar-Olaf Buchweitz (University of Toronto, Scarborough)<br>Hochschild cohomology of an Abelian Category             |
| 12:20 – 13:30  | Lunch (Local cafeteria locale)   |

Salle D3-2041 / Room D3-2041, Université de Sherbrooke

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|---------------|---|
| 13:30 – 14:20 | Gordana Todorov (Northeastern University)<br>Categories associated to the words in Coxeter groups                     |
| 14h30 – 15:20 | Lutz Hille (Universität Münster)<br>Polynomial invariants for tilted algebras and cluster mutations                   |
| 15:20 – 15:50 | Café / Coffee   |
| 15:50 – 16:40 | Frantisek Marko (Penn State University, Hazleton)<br>Schur superalgebras and superinvariants of general linear groups |
| 16:50 – 17:40 | Grégoire Dupont (Université de Sherbrooke)<br>Generic bases and positivity bases in an acyclic cluster algebra        |

## **Samedi 3 octobre / Saturday, 3<sup>rd</sup> of October, 2009**

Salle D3-2041 / Room D3-2041, Université de Sherbrooke

9:00 - 9:30	Café / Coffee
9:30 – 10:20	Vlastimil Dlab (Carleton University) Constructions and approximations of stratified algebras
10:30 – 11:20	Chen Xueqing (University of Wisconsin, Whitewater) A Geometrization of the Happel functor
11:30 – 12:20	Tullia Dymarz (Yale University) Large scale geometry of certain solvable groups
12:20 – 13:30	Lunch (Local cafeteria locale)
13:30 – 14:20	Ralf Schiffler (University of Connecticut) Cluster-tilted algebras without clusters
14:30 – 15:20	Bertrand Nguéfack (Université de Sherbrooke) Modulated quivers and potentials
15:20 – 15:50	Café / Coffee
15:50 – 16:40	Alexander Odesski (Brock University) Elliptic algebras.
16:50 – 17:40	David Smith (Bishop's University) Frises and cluster variables
19:30	Vin et fromages / Wine and cheeses (local D3-1027-5)

### **The organising Committee / Le comité d'organisation**

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