

# COLLOQUIUM ON GALOIS GEOMETRY

Friday, May 4, 2012

9h30: welcome coffee

10h00: Anna-Lena Trautmann (University of Zurich)  
*Finite Spreads in Random Network Coding*

11h00: Michael Kiermaier (Universität Bayreuth)  
*Ring-linear codes from projective Hjelmslev geometries*

● 11h45: lunch

13h15: Relinde Jurrius (Eindhoven University of Technology)  
*Relations between invariant polynomials*

● 14h15: Jeroen Demeyer (Universiteit Gent)  
*The probability that an  $\mathbb{F}_q$ -hypersurface is smooth*

15h00: coffee

15h30: Yves Edel (Universiteit Gent)  
*Selected results on APN functions and DHOs*

16h30: Petteri Kaski (Aalto University, Helsinki)  
*Enumeration of designs with subdesigns*

ORGANISERS:

Jan De Beule and Leo Storme

● GHENT UNIVERSITY  
DEPARTMENT OF MATHEMATICS  
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● Participation, lunch and coffee are free, please register at [jdebeule@cage.ugent.be](mailto:jdebeule@cage.ugent.be), before April 22, 2012

More information on this and previous colloquia: <http://cage.ugent.be/geometry/cgg/>