

PROGRAMMA Welcome Home

VENERDI' 19 dicembre 2014 Aula Informatizzata 5

**14.00-14.15** Introduzione e saluti ai partecipanti

**14.15-14.45 Federico Galetto** (Queen's University, Kingston) *Equivariant resolutions of De Concini-Procesi ideals*

**14.45-15.15 Marco Radeschi** (WWU Muenster - KIT Karlsruhe) *On a conjecture of Berger on manifolds all of whose geodesics are closed*

**15.15-15.45 Andrea Ricolfi** (University of Stavanger) *A Hamilton's Principle in Algebraic Geometry*

**15.45-16.15 Alberto Carignano** (University of Cambridge) *Engineered multicellular pattern formation in a population of unicellular eukaryotes*

**16.15** Coffe break

**16.45-17.15 Emiliano Torre** (Julich Research Center, JARA, Julich) *Assessment of synchrony propagation in massively parallel spike trains*

**17.15** Tavola rotonda

LUNEDI' 22 dicembre Mattino

Sessione # Aula 4

**9.00-9.30 Massimo Iberti** (University of Warwick) *A theory of regularity structure*

**9.30-10.00 Alice Ciccone** (University of Oslo) *Relation specific investment in structured bargaining*

**10.00-10.30 Elena Issoglio** (University of Leeds) *Stochastic PDEs: an introduction*

**10.30** Coffe break

**11.00-11.30 Alberto Antonioni** (University of Lausanne) *Costly information can hurt cooperation in dynamic networks*

**11.30-12.00 Marta Pittavino** (University of Zurich) *Risk Factors for Leptospira Incidence in Meat Workers in New Zealand .Comparison between Generalized Linear Modelling and Additive Bayesian Network.*

**12.00-12.30 Elisabetta Candellero** (University of Warwick) *Oil and Water: a two-type internal aggregation model*

Sessione § Aula Magna

**9.00-9.30 Davide Alberelli** (Universität Osnabrück) *Sheaf Cohomology on Binoid Schemes*

**9.30-10.00 Michela Mazzoli** (Alpen-Adria-Universität Klagenfurt) *Computational Aspects of Hyperelliptic Curve Cryptography*

**10.00-10.30 Emilio Zappa** (University of York) *Coxeter groups, polytopes and applications*

**10.30 Coffe break**

**11.00-11.30 Milton Minervino** (LIAFA, Université Paris Diderot - Paris 7) *A geometrical hike in symbolic dynamics*

**11.30-12.00 Niccolò Lora Lamia Donin** (Leibniz Universität, Hannover) *A 2-Sphere of Complex Structures*

**12.00-12.30 Alessandro Vignati** (York University, Toronto) *Model theory for abelian  $C^*$ -algebras*

LUNEDI' 22 dicembre Pomeriggio

Sessione # Aula Magna

**14.45-15.15 Luca Alasio** (University of Oxford) *PDEs, Old and New*

**15.15-15.45 Giorgio Laguzzi** (Albert-Ludwigs-Universität Freiburg) *Generalized Baire Spaces*

**15.45 Coffe break**

**16.00 Tavola rotonda**

**17.00-17.30 Massimiliano Tamborrino** (Johannes Kepler University, Linz) *Parameter inference from hitting times for perturbed Brownian motion*

**17.30-18.00 Riccardo Maffucci** (King's College London) *The distribution of lattice points and the Gauss Circle Problem*

Sessione § Aula 4

**14.45-15.15 Mauro Porta** (Institut Mathématique du Jussieu) *An introduction to derived algebraic geometry*

**15.15-15.45 Francesco Grande** (Freie Universität Berlin) *Matroids and 2-levelness*

**15.45 Coffe break**

**16.00 Tavola rotonda**

**17.00-17.30 Fiorella Guichardaz** (Universität Freiburg) *Borel Conjecture and dual Borel Conjecture*

**17.30-18.00 Fabrizio Barroero** (Scuola Normale Superiore di Pisa) *Linear relations in families of powers of elliptic curves*