

GASCom 2014 - PROGRAM

Monday

- 9-10 **Enumeration and Automatic Sequences**
Jeffrey Shallit
- 10-10,30 Coffee break
- 10.30-11 **Eulerian digraphs and Dyck words, a bijection**
Pietro Codara, Ottavio M.D'Antona, Marco Genuzio
- 11-11.30 **Flip graphs**
Yuval Roichman
- 11.30-12 **Group Actions on Semilattices**
Anton Betten
- 12-12.30 **A positivity condition for C-finite recurrences**
Stefano Bilotta, Elisa Pergola, Renzo Pinzani, Simone Rinaldi
- 15-15.30 **Recursions for Excedance number in colored permutation groups**
Eli Bagno, David Garber, Toufik Mansour and Robert Shwartz
- 15.30-16 **Equivalence classes of permutations modulo descents and left-to-right maxima**
Jean-Luc Baril, Armen Petrossian
- 16-16.30 Coffee break
- 16.30-17 **A partial order relation over the set of permutations avoiding the pattern $k k - 1 \dots 3 2 1$**
Niccolò Castronuovo
- 17-17.30 **On the Möbius function of the quasi-consecutive pattern poset**
Antonio Bernini, Luca Ferrari

Tuesday

- 9-10 **Uniform Random Sampling of Simple Branched Coverings of the Sphere by Itself**
Gilles Schaeffer
- 10-10,30 Coffee break
- 10.30-11 **Motzkin Paths with Vertical Edges**
Veronika Irvine, Frank Ruskey
- 11-11.30 **A morphological analysis of vileness**
Marcel Celaya, Frank Ruskey
- 11.30-12 **Tree and Snake Polyominoes of Maximal Area**
Alexandre Blondin Massé, Alain Goupil, Mélodie Lapointe
- 12-12.30 **Major index on 321-avoiding involutions and hook decompositions of partitions**
Marilena Barnabei, Flavio Bonetti, Sergi Elizalde, Matteo Silimbani
- 15-15.30 **Sampling Parts of Random Integer Partitions: A Probabilistic and Asymptotic Analysis**
Ljuben Mutafchiev
- 15.30- 16 **A q -Poisson Process Approximated by a Stieltjes-Wigert process**
Andreas Kyriakoussis, Malvina Vamvakari
- 16-16.30 Coffee break
- 16.30-17 **On the random generation of convex polyominoes**
Srečko Brlek, Michel Koskas, Renzo Pinzani
- 20 Social dinner (Casa Artusi, Forlimpopoli)

Wednesday

9.30-10 **Random Sampling of Balanced Words on $2n$ Letters**

Olivier Bodini, Alice Jacquot

10-10.30 **Generating Tatami coverings efficiently**

Alejandro Erickson, Frank Ruskey

10-10,30 Coffee break

10.30-11 **On the Exhaustive Generation of k -Convex Polyominoes**

Stefano Brocchi, Giusi Castiglione, Paolo Massazza

11-11,30 **Pointed versus Singular Boltzmann Samplers**

Olivier Bodini, Antoine Genitrini and Nicolas Rolin