

Iberian meeting on numerical semigroups - Granada 2010

WEDNESDAY, FEBRUARY 3RD

8:00 *Registration*

9:00 *Opening*

Chair: F. Torres

9:30 Ralf Froberg, Stockholms Universitet, Curves and semigroups

10:00 Vincenzo Micale, Università di Catania, Apéry set of a numerical semigroup and properties of the associated graded ring of a numerical semigroup ring

10:30 Valentina Barucci, Università di Roma "La Sapienza", Conditions which make a one-dimensional analytically irreducible ring close to a numerical semigroup ring

11:00 *Coffee break*

Chair: J. Almeida

11:30 Francisco Aguiló-Gost, Universitat Politècnica de Catalunya, Plane tessellations related to three generated numerical semigroups

12:00 Leonid Fel, Technion - Israel Institute of Technology, New Identities for Degrees of Syzygies in Numerical Semigroups

12:30 Jorge Ramírez Alfonsín, Université Montpellier 2, Apéry sets and Hilbert series for Almost Arithmetic semigroups

13:00 Ignacio Ojeda, Universidad de Extremadura, Uniquely presented finitely generated commutative monoids

THURSDAY, FEBRUARY 4TH

Chair: R. Fröberg

9:00 Alfred Geroldinger, Karl-Franzens-Universität Graz, The catenary degree of numerical monoids and Krull monoids

9:30 Paul Baginski, Université Claude Bernard Lyon 1, Factorization in Semigroup Rings

10:00 Scott T. Chapman, Sam Houston State University, Delta Sets of Numerical Monoids: A Progress Report

10:30 Ulrich Krause, Universität Bremen, Numerical semigroups and the Cale property

11:00 *Coffee break*

Chair: M. Bras-Amoros

11:30 Vadim Ponomarenko, San Diego State University, Factorizations Common to Some Subsemigroups of $(\mathbb{N}, +)$ and (\mathbb{N}, \times)

12:00 Manuel B. Branco, Universidade de Évora, The Frobenius problem for numerical semigroups with multiplicity four

12:30 Fernando Torres, Universidade estadual de Campinas, On the weight of numerical semigroups

15:30 Alhambra (meeting point: main gate Palacio Carlos V; alternatively, there is a bus departing at 14:30 from the bus stop in front of Comedores Universitarios)

20:30 *Dinner* (Abba Hotel Granada)

FRIDAY, FEBRUARY 5TH

Chair: V. Barucci

9:30 Kurt Herzinger, United States Air Force Academy, Bricks and Perfect Bricks of All Sizes

10:00 Victor Blanco, Universidad de Granada, Generating functions for counting the number of numerical semigroups of a given genus

10:30 Klara Stokes, Universitat Rovira i Virgili, The semigroup of combinatorial configurations

11:00 *Coffee break*

Chair: J. I. Farrán

11:30 Paulo Vasco, Universidade de Trás-os-Montes e Alto Douro, The Frobenius variety of the saturated numerical semigroups

12:00 Vítor H. Fernandes, Universidade Nova de Lisboa, CAUL, Quotient numerical semigroups

12:30 Grazia Tamone, Università di Genova, On the order bound of one-point AG codes

13:00 Jean-Eric Pin, CNRS - Université Paris 7, Languages on a one-letter alphabet and their connections with ordered semigroups

16:30 Biblioteca Hospital Real (meeting point: main entrance Hospital Real)