

Program for

INdAM meeting: International meeting on numerical semigroups - Cortona 2018

Monday, 3rd.

- 09:00 - 09:25 Registration – Opening
09:35 - 10:00 K. Watanabe, *A simple proof of Bresinski's Theorem on 4 generated symmetric numerical semigroup*
10:10 - 10:35 L. Fel, *Symmetric (not Complete Intersection) Numerical Semigroups Generated by Four, Five and Six Integers*
10:40 - 11:10 *Coffee Break*
11:10 - 11:35 P. Giménez, *Syzygies of semigroup rings obtained by gluing*
11:45 - 12:10 M. Schulze, *Deforming monomial space curves into set-theoretic complete intersection singularities*
12:20 - 12:45 R. Wiegand, *Rigid ideals in one-dimensional local domains*
13:00 - 14:30 *Lunch*
15:15 - 15:40 M. Bras-Amorós, *On the Inheritance of the Isometry-Dual Property under Puncturing AG Codes*
15:50 - 16:15 D. Marín-Aragón, *The tree of numerical semigroups with low multiplicity*
16:20 - 16:50 *Coffee break*
16:50 - 17:15 M. Şahin, *Lattice Ideals, Semigroups and Toric Codes*
17:25 - 17:50 G. Tamone, *On the Hilbert function of 4-generated numerical semigroup rings*

Tuesday, 4th.

- 09:00 - 09:25 A. Geroldinger, *Sets of lengths in primary monoid*
09:35 - 10:00 I.-C. Huang, *Factorizations in Numerical Semigroup Algebras*
10:10 - 10:35 S. T. Chapman, *Omega-primality in arithmetic Leamer monoids*
10:40 - 11:10 *Coffee Break*
11:10 - 11:35 İ. Karakaş, *Arf numerical semigroups with multiplicity 9 and 10*
11:45 - 12:10 A. Borzi, *A characterization of the Arf property for quadratic quotients of the Rees algebra*
12:20 - 12:45 G. Zito, *Arf good semigroups*
13:00 - 14:30 *Lunch*
15:15 - 15:40 M. Cormar, *On the Molecules of Puiseux Monoids*
15:50 - 16:15 A. Vigneron-Tenorio, *On some properties of affine \mathcal{C} -semigroups*
16:20 - 16:50 *Coffee break*
16:50 - 17:15 D. Llena, *The inside factorial monoid for a Diophantine equation*
17:25 - 17:50 F. Gotti, *On a none-finitely generated generalization of the semigroup algebra*

Wednesday, 5th.

- 09:00 - 09:25 S. Eliahou, *Gapsets and numerical semigroups*
09:35 - 10:00 J. Fernández-González, *The right-generators descendant of a numerical semigroup*
10:10 - 10:35 M. Bernardini, *A polytope approach for counting numerical semigroups by genus*
10:40 - 11:10 *Coffee Break*
11:10 - 11:35 F. Strazzanti, *Tangent cones of monomial curves obtained by numerical duplication*
11:45 - 12:10 I. García-Marco, *The chomp game on numerical semigroups*
12:20 - 12:45 J. M. Tornero, *Quantum computation and the Frobenius problem*
13:00 - 14:30 *Lunch*
20:00 - 22:00 *Conference dinner*

Thursday, 6th.

09:00 - 09:25 N. Matsuoka, *The almost Gorenstein property of gluing of numerical semigroup rings*

09:35 - 10:00 K. Eto, *RF-matrices of almost symmetric semigroups*

10:10 - 10:35 I. Ojeda, *Almost symmetric numerical semigroups with given Frobenius number and type*

10:40 - 11:10 *Coffee Break*

11:10 - 11:35 A. A. Ustinov, *On average number of symmetric semigroups with 3 generators*

11:45 - 12:10 M. Delgado, *Problems on numerical semigroups posed by Wilf*

12:20 - 12:45 M. A. Moreno-Frías, *Semigroups with fixed multiplicity and embedding dimension*

13:00 - 14:30 *Lunch*

15:15 - 15:40 P. Korell, *Gorenstein Endomorphism Rings and Value Semigroups*

15:50 - 16:15 L. Guerrieri, *Value semigroups and good semigroups*

16:20 - 16:50 *Coffee break*

16:50 - 17:15 L Tozzo, *Poincaré series on good semigroup ideals*

17:25 - 17:50 D. Spirito, *Star operations on numerical semigroups*

Friday, 7th.

09:00 - 09:25 A. Thoma, *On the robustness property of monomial curves*

09:35 - 10:00 A. M. Robles-Pérez, *The Frobenius number for sequences of binomial coefficients*

10:10 - 10:35 D. Stamate, *Cohen-Macaulay criteria for projective monomial curves via Groebner bases*

10:40 - 11:10 *Coffee Break*

11:10 - 11:35 E. García Barroso, *The chomp game on numerical semigroups*

11:45 - 12:10 J. J. Moyano-Fernández, *Generalized Weierstrass semigroups and Poincaré series*

12:20 - 12:45 A. Assi, *The canonical fan of a formal \mathbb{K} -algebra*