

## Schedule INdAM Workshop IMNS 2022 - Rome

### Monday 13 June

#### Morning - 9:20

**Maria Bras-Amorós**, Universitat Rovira i Virgili, *On the seeds and the great-grandchildren of a numerical semigroup*

**Manuel Delgado**, Universidade do Porto, *On the contribution of Herbert Wilf to the development of the theory of Numerical semigroups*

#### Coffee break

**Shalom Eliahou**, Université du Littoral Côte d'Opale, *Some remarks on Wilf's conjecture*

**Nathan Kaplan**, University of California - Irvine, *Numerical Semigroups Ordered by Genus*

**Takao Komatsu**, Zhejiang Sci-Tech University,  *$p$ -Numerical semigroup and  $p$ -Frobenius numbers*

#### Afternoon - 15:15

**Matheus Bernardini**, Universidade de Brasília, *Gapsets and  $m$ -extensions*

**Julio J. Moyano-Fernández**, Universitat Jaume I de Castellón, *An extension of the Wilf conjecture to semimodules over a numerical semigroup*

**María Ángeles Moreno**, Universidad de Cádiz, *Counting the ideals with given genus of a numerical semigroup*

### Tuesday 14 June

#### Morning - 9:20

**Scott Chapman**, Sam Houston State University, *Length Density on Numerical Monoids*

**Laura Cossu**, University of Graz, *Factorization spaces and their elasticity*

#### Coffee break

**Alfred Geroldinger**, University of Graz, *On monoids of ideals*

**Harold Jiménez Polo**, University of Florida, *On the arithmetic of polynomial semidomains*

**David Llena**, Universidad de Almería, *Stratification of atoms as a way to solve Elliott's Problem*

#### Afternoon - 15:15

**Andrew J. Warren**, Sam Houston, *On the Periodicity of the Catenary Sequence of a Numerical Monoid with Embedding Dimension Three*

**Daniel Windisch**, Graz University of Technology, *Class groups, prime divisors and factorizations in numerical semigroup algebras*

**Felix Gotti**, MIT, *On the arithmetic of positive cyclic semirings*

## Wednesday 15 June

### Morning - 9:20

**Dumitru Stamate**, University of Bucharest, *Ulrich elements in affine semigroups*

**Francesco Strazzanti**, Università di Torino, *Almost canonical ideals and GAS numerical semigroups*

### Coffee break

**Naoki Endo**, Meiji University, *Ulrich ideals and numerical semigroup rings*

**Danny Troia**, Università di Catania, *The ideal duplication*

**Kei-ichi Watanabe**, Nihon University and Meiji University, *Inverse polynomials of numerical semigroup rings*

## Thursday 16 June

### Morning - 9:20

**Leonid Fel**, Technion - Israel Institute of Technology, *Genera of numerical semigroups and polynomial identities for degrees of syzygies*

**Raheleh Jafari**, Kharazmi University, *On the Gorenstein locus of simplicial affine semigroup rings*

### Coffee break

**Daniel Marín Aragón**, Universidad de Cádiz, *How to characterize affine  $\mathcal{C}$ -semigroups*

**Mesut Şahin**, Hacettepe University, *Vanishing Ideals and Codes on Toric Varieties*

**Indranath Sengupta**, Indian Institute of Technology Gandhinagar, *Projective Closure of Numerical Semigroup Rings*

### Afternoon - 15:15

**Philippe Giménez**, Universidad de Valladolid, *Consequences and applications of gluing semigroup rings in dimension  $n$*

**Felix Delgado de la Mata**, Universidad de Valladolid, *On the coefficients of the Poincaré series of good semigroups*

**Marcelo Escudeiro Hernandes**, Universidade Estadual de Maringá, *On the Analytic Invariants and Semiroots of Plane Branches*

**Lorenzo Guerrieri**, Jagiellonian University, Krakow, *Good semigroups, good ideals and Apéry sets in  $\mathbb{N}^d$*

## Friday 17 June

### Morning - 9:20

**Alessio Borzì**, University of Warwick, *Cyclotomic Numerical Semigroups and Graded Algebras*

**Ignacio García Marco**, Universidad de La Laguna, *Robustness and related properties on numerical semigroups*

## Coffee break

**Abdallah Assi**, Université d'Angers, *Semigroup associated with a free polynomial*

**Ignacio Ojeda**, Universidad de Extremadura, *Generalized repunit numerical semigroups*

**Jorge Ramírez-Alfonsín**, Université Montpellier 2, *On perfect squares and primes in numerical semigroups*