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Sponsors



Università di Messina



Dipartimento di Scienze Matematiche
e Informatiche, Scienze Fisiche e
Scienze della Terra

Accademia Peloritana dei Pericolanti



Research Days in Commutative Algebra and Combinatorics

May 23-25, 2017

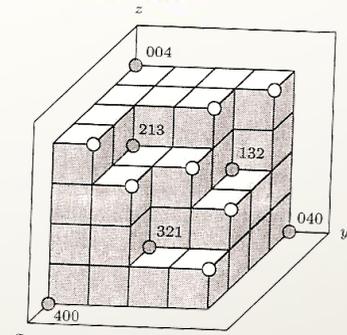
<http://mat521.unime.it/commalg/>



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University of Messina
Accademia Peloritana dei
Pericolanti
Messina (Italy)

Tuesday, May 23

15:00-15:30 **Registration**

15:30-16:00 **Opening**

16:00 **Winfried Bruns** (University of Osnabrück, Germany) - *Castelnuovo-Mumford regularity of power products*

17:00 **Coffee break**

17:15 **Patrizia Longobardi** (University of Salerno, Italy) - *A combinatorial problem concerning the element orders in finite groups*

Wednesday, May 24

Dedicated to Gaetana Restuccia on the occasion of her 70th birthday

9:00 **Introduction**

10:00 **Paolo Valabrega** (Polytechnic of Torino, Italy) - *Hensel's Lemma and the Intermediate Value Theorem over a non-Archimedean Field*

11:00 **Coffee break**

11:20 **Alberto Conte, Marina Marchisio** (University of Torino, Italy) - *Le basi di Groebner al servizio degli studenti*

12:00 **Jürgen Herzog** (University of Duisburg-Essen, Germany) - *On the trace of the canonical module and nearly Gorenstein rings*

13:00 **Lunch**

15:00 **Cristodor Ionescu** (Romanian Academy, Romania) - *About almost Cohen-Macaulay modules*

16:00 **Mercede Maj** (University of Salerno, Italy) - *Small doubling in orderable groups: a combinatorial problem*

16:30 **Alfio Ragusa** (University of Catania, Italy) - *Union of schemes: homological dimension and a structure theorem*

20:00 **Social dinner**

Thursday, May 25

9:30 **Shalom Eliahou** (Université du Littoral Côte d'Opale, France) - *Wilf's conjecture and Macaulay's theorem*

10:30 **Marco D'Anna** (University of Catania, Italy) - *Families of Gorenstein and almost Gorenstein rings*

11:00 **Coffee break**

11:20 **Vincenzo Micale** (University of Catania, Italy) - *Good subsemigroups of N^n*

11:50 **Giancarlo Rinaldo** (University of Trento, Italy) - *On the classification of Cohen-Macaulay binomial edge ideals*

13:00 **Lunch**

15:00 **Maryam Mohammadi Saem** (University of Duisburg-Essen, Germany) - *On the number of generators of powers of an ideal*

15:30 **Giovanni Molica Bisci** (Mediterranean University, Reggio Calabria) - *Variational and topological methods for nonlocal fractional problems*

16:30 **Closing**

