

**COMMUTATIVE RINGS
and their
MODULES**

Cortona, May 30 - June 5 , 2004

MONDAY, May 31

9:15 – 9:30 OPENING

Chairperson: L. Fuchs

9:30 – 10:20 B. Olberding: *Ideal decompositions in commutative rings*
10:30 – 11:20 A. Loper: *Intersections of valuation domains*

COFFEE BREAK

Chairperson: L. Fuchs

11:50 – 12:40 L. Levy: *Representation type of commutative Noetherian rings*

LUNCH

Chairperson: B. Goldsmith

14:30 – 15:10 J. Trlifaj: *Infinite dimensional tilting and cotilting modules*
15:20 – 15:40 L. Angeleri Hügel: *Divisible modules and localization*
15:50 – 16:10 K. Rangaswamy: *On modules of finite torsion-free rank over a discrete valuation domain*

COFFEE BREAK

Chairperson: S. Chapman

16:30 – 16:50 J. Brewer: *The ordered group of invertible ideals of a Prüfer domain*
17:00 – 17:20 A. Geroldinger: *Monotone chains of factorizations in C-monoids*
17:30 – 17:50 M. Picavet L'Hermitte: *Some properties of inside factorial integral domains*

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TUESDAY, June 1

Chairperson: M. Fontana

9:30 – 10:20 F. Halter-Koch: *Class groups*
10:30 – 11:20 M. Zafrullah: *What v -coprimality can do for you*

COFFEE BREAK

Chairperson: M. Fontana

11:50 – 12:40 S. Bazzoni: *Tilting and cotilting modules over Prüfer domains*

LUNCH

ROOM I

Chairperson: J. Brewer

14:30 – 15:10 S.-E. Kabbaj: *The t -class semigroup of a Krull-type domain*
15:20 – 15:40 M. D'Anna: *The Apéry algorithm for a plane singularity*
15:50 – 16:10 M. H. Park: *Krull dimension in power series rings*

ROOM II

Chairperson: K. Rangaswamy

15:20 – 15:40 B. Goldsmith: *Minimal modules over valuation domains*
15:50 – 16:10 S. Wallutis: *On the existence of universal members in classes of abelian groups*

COFFEE BREAK

ROOM I

Chairperson: S. Gabelli

- 16:30 – 16:50 S. El Baghdadi: *Generalized divisorial domains*
17:00 – 17:20 G. Picozza: *Some new results on semistar operations*
17:30 – 17:50 N. Jarboui: *A counterexample for a conjecture about the catenarity of polynomial rings*

ROOM II

Chairperson: L. Salce

- 16:30 – 16:50 L. Strüngmann: *Derived cotorsion theories*
17:00 – 17:20 C. Metelli: *On a hierarchy of summands in Butler $B(1)$ -groups*
17:30 – 17:50 W. Hassler: *Direct sum cancellation for finitely generated modules over orders in quadratic number fields*

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WEDNESDAY, June 2

Chairperson: S. Wiegand

- 9:30 – 10:20 S. Chapman: *Factorization properties related to
elasticity in integral domains and monoids*
10:30 – 11:20 J. Coykendall: *Infinite and nonatomic factorizations*

COFFEE BREAK

Chairperson: S. Wiegand

- 11:50 – 12:40 R. Göbel: *How rigid are reduced products?*

LUNCH

15:00 SHORT TRIP TO PIENZA

19:30 SOCIAL DINNER (Restaurant “Il Prato”, Pienza)

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THURSDAY, June 3

Chairperson: R. Göbel

- 9:30 – 10:20 T. Lucas: *Gaussian polynomials*
10:30 – 11:20 S. Glaz: *Gaussian rings: their homological dimensions
and Prüfer-like properties*

COFFEE BREAK

Chairperson: R. Göbel

- 11:50 – 12:40 R. Wiegand: *Indecomposable modules of large rank
over one-dimensional local domains*

LUNCH

Chairperson: P. Vámos

- 14:30 – 15:10 P. Zanardo: *Almost perfect domains and their modules*
15:20 – 15:40 L. Salce: *The minimal injective cogenerator over local
almost perfect domains and its endomorphism ring*
15:50 – 16:10 L. Fuchs: *Superdecomposable E-algebras*

COFFEE BREAK

Chairperson: A. Geroldinger

- 16:30 – 16:50 F. Couchot: *Finitely presented modules over semi-
hereditary rings*
17:00 – 17:20 G. Picavet: *Ascent of the divided and going-down
properties by absolutely flat ring morphisms*
17:30 – 17:50 A. Badawi: *On 2-absorbing ideals of commutative rings*

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FRIDAY, June 4

Chairperson: R. Wiegand

9:30 – 10:20	J.-L. Chabert: <i>About Bhargava's generalized factorials</i>
10:30 – 11:20	M. Roitman: <i>On the prime divisorial spectrum of a Mori domain</i>

COFFEE BREAK

Chairperson: R. Wiegand

11:50 – 12:40	P. Vámos: <i>Picard groups of certain module categories</i>
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LUNCH

Chairperson: F. Halter-Koch

14:30 – 15:10	P.-J. Cahen: <i>Analytical functions of order α</i>
15:20 – 15:40	J. Yeramian: <i>Prime ideals of Bhargava domains</i>
15:50 – 16:10	F. Tartarone: <i>Polynomial closure in Prüfer and essential domains</i>

COFFEE BREAK

Chairperson: E. Houston

16:30 – 16:50	P. Jara: <i>Generalized Nagata rings</i>
17:00 – 17:20	V. Barucci: <i>A numerical semigroup as a 1-dimensional local ring</i>
17:30 – 17:50	S. Wiegand: <i>Building commutative rings using power series</i>