

Session 8, Commutative Algebra: geometric, homological, combinatorial and computational aspects

Wednesday 18, Room 305

- 19:00–19:30 **Linearly presented ideals**  
David Eisenbud
- 19:30–20:00 **A formula for the core of ideals**  
Bernd Ulrich

Thursday 19, Room 304

- 11:30–12:00 **Divisors of integrally closed modules**  
Wolmer Vasconcelos
- 12:00–12:30 **Monomial ideals and their core**  
Claudia Polini
- 12:30–13:00 **Saturation and Castelnuovo-Mumford regularity**  
Isabel Bermejo
- 13:00–13:30 **Ideals of linear type in Cremona maps**  
Aron Simis
- 15:30–16:00 **Secant varieties to Grassmann varieties**  
Anthony Geramita
- 16:00–16:30 **The structure of the Rao module and the geometry of schemes**  
Marta Casanellas Rius
- 16:30–17:00 **Liaison of varieties of small dimension and deficiency modules**  
Marc Chardin
- 17:30–18:00 **Asymptotic behaviour of cohomology**  
Markus Brodmann
- 18:00–18:30 **Positive combinatorial formulae for quiver polynomials**  
Ezra Miller
- 18:30–19:00 **The equality  $I^2 = QI$  in Buchsbaum rings**  
Hideto Sakurai
- 19:00–19:30 **Multiplier ideals in exotic settings**  
Ana Bravo
- 19:30–20:00 **On birational Macaulayfications and Cohen-Macaulay canonical modules**  
Peter Schenzel

Saturday 21, Room 304

- 08:30–09:00 **Poincare series of resolution of surface singularities**  
Steven Dale Cutkosky
- 09:00–09:30 **Resolution of singularities; aspects of the implementation**  
Orlando Villamayor
- 09:30–10:00 **Monomial ideals and normality**  
Rafael Villarreal
- 10:00–10:30 **Some numerical invariants of local rings**  
Josep Àlvarez Montaner
- 10:30–11:00 **Deformations of monomial ideals**  
Aldo Conca