

Program

— Wednesday, 07 October —

9:00-10:00 REGISTRATION & WELCOME

10:00-11:00 The ideal of orthogonal representations of a graph
Volkmar Welker [University of Marburg]

11:00-11:30 COFFEE BREAK

11:30-12:30 Binomial edge ideals and determinantal facet ideals
Sara Saeedi Madani [University of Osnabrück]

12:30-14:30 LUNCH

14:30-15:30 A Gorenstein simplicial complex for symmetric minors
Emanuela De Negri [University of Genova]

15:30-16:30 Gap vectors of real projective varieties
Martina Juhnke-Kubitzke [University of Osnabrück]

16:30-17:00 COFFEE BREAK

17:00-18:00 On the toric ideal of a matroid and related combinatorial problems
Michał Lason [Polish Academy of Sciences]

— Thursday, 08 October —

9:00-10:00 Gorenstein Fano polytopes and quadratic Gröbner bases
Takayuki Hibi [Osaka University]

10:00-11:00 The Golod property of Stanley-Reisner rings
Lukas Katthän [University of Osnabrück]

11:00-11:30 COFFEE BREAK

11:30-12:30 Hodge theory for combinatorial geometries
June Huh [Princeton University]

12:30-13:30 LUNCH

13:30-15:30 POSTER SESSION

15:30-16:30 Plethysm and lattice point counting
Thomas Kahle [University of Magdeburg]

16:30-17:00 COFFEE BREAK

17:00-18:00 The poset of normal polytopes
Mateusz Michałek [Polish Academy of Sciences]

19:00 CONFERENCE DINNER
La Vecchia Città

—— Friday, 09 October ——

9:00-10:00 Hilbert series up to symmetry

Uwe Nagel [University of Kentucky]

10:00-11:00 Deviations of graded algebras

Alessio D'Ali [University of Genova]

11:00-11:30 COFFEE BREAK

11:30-12:30 Linear syzygies and regularity

Alexandru Constantinescu [FU Berlin]

12:30-13:30 LUNCH

13:30-14:30 POSTER SESSION

14:30-15:30 Average of polyhedral Morse inequalities and graded Betti numbers

Satoshi Murai [Osaka University]

15:30-16:30 Symmetric signature

Alessio Caminata [University of Osnabrück]

16:30-17:00 COFFEE BREAK

17:00-18:00 When does depth stabilize early on?

Matteo Varbaro [University of Genova]

—— Saturday, 10 October ——

9:00-10:00 The poset of proper divisibility

Antonio Macchia [University of Marburg]

10:00-11:00 On h-vectors of broken circuit complexes

Dinh Van Le [University of Osnabrück]

11:00-11:30 COFFEE BREAK

11:30-12:30 Letterplace and co-letterplace ideals of posets

Gunnar Fløystad [University of Bergen]

12:30-14:30 LUNCH