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School on Commutative Algebra and Algebraic Geometry in Prime Characteristics | (smr 3866)

Tuesday 02 May 2023

notitle - Budinich Lecture Hall (LB) (09:00-18:50)

Morning session Chair: L.T. HOA, Institute of Mathematics, Vietnam

Afternoon session Chair: P.H. QUY, FPT University, Vietnam

| time | title | presenter |
|-------|--|-------------|
| 09:00 | Vector bundles and tight closure | H. BRENNER |
| 10:00 | F-singularities — applications of characteristic p methods to singularity theory | K. WATANABE |
| 11:00 | Coffee break | |
| 11:30 | Polynomial invariant rings in modular invariant theory | M. MONDAL |
| 11:50 | Local cohomology of invariant rings | K. GOEL |
| 12:10 | Groebner deformations and F-singularities | M. KOLEY |
| 12:30 | Lunch break | |
| 14:00 | Singularity invariants in positive characteristic | I. SMIRNOV |
| 15:00 | Singularities via BCM Algebras | K. TUCKER |
| 16:00 | Coffee break | |
| 16:30 | The Frobenius test exponents in prime characteristic | D. HUONG |
| 16:50 | F-threshold of filtration of ideals | A. KUMAR |
| 17:10 | The F-rationality of Blow-up | N. KOTAL |
| 17:30 | Welcome reception | |