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

Wednesday 03 May 2023

notitle - Budinich Lecture Hall (LB) (09:00-17:30)

Morning session Chair: V. TRIVEDI, Tata Institute of Fundamental Research, India

Afternoon session Chair: M. MANDAL, Indian Institute of Technology Kharagpur, India

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	Group photo & Coffee break	
11:30	Perturbations of ideals in local rings	L. DUARTE
11:50	Epsilon multiplicity in graded dimension two and density functions	S. DAS
12:10	A density function for a Noetherian filtration of homogeneous ideals	S. ROY
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 Weak Lefschetz Property of monomial ideals and Mixed Multiplicities of ideals	H. THIAGO
16:50	The Hilbert functions of Artinian local complete intersections	S. MASUTI
17:10	Bounds for the reduction number of primary ideals in dimension three	S. KUMARI