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

## Friday 05 May 2023

**notitle - Budinich Lecture Hall (LB) (09:00-17:25)**

***Morning session Chair: V. MUKUNDAN, IIT Delhi, India***

***Afternoon session Chair: J. VERMA, IIT Bombay Mumbai, 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	Coffee break	
11:30	Affine semigroups of maximal projective dimension	O.P. BHARDWAJ
11:50	The $v$ -Number of Monomial Ideals	K. SAHA
12:10	Betti sequence of the projective closure of affine monomial curve	P. SRIVASTAVA
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	Image of linear derivations and Mathieu-Zhao subspaces	S. GUPTA
16:50	$(A, d)$ -modules, Hochschild homology and higher derivations	S. KOUR
17:10	Upper bounds on two Hilbert coefficients	X.D. LE