

Arithmetic and Algebraic Geometry 2019

– in honour of Professor Tomohide Terasoma's 60th birthday –

Date January 21 (Mon) – 25 (Fri), 2019
Location The University of Tokyo, Komaba I Campus
Venue Auditorium in Graduate School of Mathematical Sciences building
Website <http://www.math.kobe-u.ac.jp/HOME/tani/workshop1901tokyo/>

TIMETABLE

	21 (Mon)	22 (Tue)	23 (Wed)	24 (Thu)	25 (Fri)
10:00-11:00	Kaji	Mieda	Esnault	S. Saito	Pearlstein
11:30-12:30	Shioda	Li	Levine	Geisser	Kimura
14:30-15:30	Schütt	Zagier	**	Gangl	Hanamura
16:00-17:00	Shimada	Terasoma	**	Furusho	T. Saito
18:00-	PARTY				

PROGRAM

JANUARY 21ST (MON)

9:30- Welcome / Coffee
 10:00-11:00 Hajime Kaji (Waseda)
 Degree Formula for Grassmann Bundles, II
 11:30-12:30 Tetsuji Shioda (Rikkyo, Emeritus)
 Algebraic cycles on the Fermat surfaces and the cyclotomic models
 14:30-15:30 Matthias Schütt (Leibniz)
 Equicharacteristic models of nodal Enriques surfaces
 16:00-17:00 Ichiro Shimada (Hiroshima)
 Enriques involutions on singular K3 surfaces of small discriminants
 (joint work with Davide Cesare Veniani (Mainz))

JANUARY 22ND (TUE)

9:30- Coffee
 10:00-11:00 Yoichi Mieda (Univ. Tokyo)
 Cohomology of perfectoid spaces and their reductions, with application to
 the local Langlands correspondence
 11:30-12:30 Zhonghua Li (Tongji)
 Sum of interpolated multiple q -zeta values and sum of their truncations
 14:30-15:30 Don Zagier (Max Planck)
 Knots, number theory, and q -series
 16:00-17:00 Tomohide Terasoma (Univ. Tokyo)
 Algebraic correspondences and Period integrals
 18:00- PARTY

