International Workshop on Sets, Designs, and Graphs, July 20–21, 2024

Venue: Interdisciplinary Faculty of Science and Engineering, Building 1, 1st floor, Mathematics Lecture Room 1.

Saturday		Sunday	
9:25–9:30	*Opening remarks*		
9:30–10:10	A. Munemasa On the structure of 57 equiangular lines in $\mathbb{R}^{18}$	9:20–10:00	N. Tokushige Alon's transmitting problem in Hamming graphs
10:20–10:30	*Coffee break*	10:10–10:50	T. Okuda Coarse coding theory
10:30–11:10	S. Suda Uniqueness of an association scheme related to 64 lines in $\mathbb{R}^8$	10:50–11:05	*Coffee break*
11:20–12:00	J. Lansdown Erdős-Ko-Rado sets of chambers	11:05–11:25	R. Misawa On Antipodality in Interval Designs
12:00–14:00	*Group photo and lunch*	11:30–12:10	H. Nozaki Reducing the cardinality of a spherical design
14:00–14:40	S. Goryainov Divisible design graphs from the symplectic graphs	12:10–12:15	*Closing remarks*
14:50–15:30	J. H. Koolen On 1-homogenous distance regular graphs	*Free discussion until 17:00*	
15:30–16:00	*Coffee break*	*(Bus departs at 12:23 or 13:03 to the station. The main entrance will be locked at 18:00.)*	
16:00–16:40	H. Kurihara Multivariate P- and/or Q-polynomial association schemes		
16:50–17:30	K. Yoshino Symmetry of graphs and perfect state transfer in Grover walks		
Bus departs at 17:46 or 18:26 to the station			
19:00–21:00	*Banquet near the station*		

担当者：総合理工学部　数理科学科　ソッロシ　フェレンツ　講師