Hadamard Matrices and Their Applications

Organizers: Masaaki Harada (Tohoku University)
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Date: January 26–27, 2018

Place: Large Lecture Room (2nd Floor), Graduate School of Information Sciences, Aobayama Campus, Tohoku University, 6-3-09, Aramaki-Aza-Aoba, Aoba-ku, Sendai, 980-8579, Japan

Program
January 26 (Friday)

13:30 –   Opening

13:40 – 14:20 Qing Xiang (University of Delaware)
Symmetric Bush-type Hadamard matrices and strongly regular graphs with spreads

14:35 – 15:25 Koichi Betsumiya (Hirosaki University)
On some series of maximal triply even codes

15:40 – 16:30 Takuya Ikuta (Kobe Gakuin University)
Complex Hadamard matrices attached to 3-class nonsymmetric commutative association schemes

16:45 – 17:35 Koji Momihara (Kumamoto University)
On Hadamard matrices with maximum excess

Banquet

January 27 (Saturday)

9:30 – 10:10 Qing Xiang (University of Delaware)
Hemisystems of the Hermitian surfaces

10:20 – 11:00 Keiji Ito (Tohoku University)
Skew energy of tournaments and conference matrices

11:10 – 11:50 Pritta Etriana Putri (Tohoku University)
Some constructions of complementary sequences

12:00 – 12:40 Masahiko Miyamoto (University of Tsukuba)
Hadamard matrix and super conformal algebra

Closing