## Workshop on Hadamard Matrices and Combinatorial Designs

October 31, 2014 Middle Lecture Room (2nd Floor) Graduate School of Information Sciences, Tohoku University

## Program

- 10:30–11:30 Mieko Yamada (Tokyo Woman's Christian University) Menon-Hadamard difference sets obtained from a local field by natural projections
- 11:40–12:40 Robert Craigen (University of Manitoba) Double cores for orthogonal matrices: A tangle of connections
- 14:40–15:10 Ferenc Szöllősi (Tohoku University) Towards the classification of  $6 \times 6$  complex Hadamard matrices
- 15:20–15:50 Takuya Ikuta (Kobe Gakuin University) Examples of complex Hadamard matrices coming from some association schemes
- 16:00–16:30 Koichi Betsumiya (Hirosaki University) Maximal triply even codes constructed by combinatorial designs
- 16:40–17:10 Masaaki Harada (Tohoku University) On a 5-design related to an extremal doubly even self-dual code of length 72

Organizers: Akihiro Munemasa and Masaaki Harada (Tohoku University)