

2nd Tohoku-Bandung Bilateral Workshop: Extremal Graph Theory, Algebraic Graph Theory And Mathematical Approach to Network Science

Dates: June 5 (Tue) – June 7 (Thu), 2018

Venue: Graduate School of Information Sciences, Tohoku University

Sponsors: (1) JSPS Open Partnership Joint Projects: Extremal graph theory, algebraic graph theory and mathematical approach to network science (2017-2018)

(2) Grant-in-Aid of Scientific Research 16H03939

Organizers: Nobuaki Obata, Akihiro Munemasa, Hajime Tanaka, Etsuo Segawa (Graduate School of Information Sciences, Tohoku University)

Program

June 5 (Tue) ROOM 609

1330-1430 Ramsey numbers of tree versus wheels
Yusuf Hafidh (Institut Teknologi Bandung, Indonesia)

1440-1530 The Reed-Muller code $RM(1,4)$, the Barnes-Wall lattice $BW(16)$, and graphs with smallest eigenvalue -3
Akihiro Munemasa (Tohoku University)

1530-1600 Some examples of spherical t -designs and simplex t -designs
Samy Baladram (Tohoku University)

June 6 (Wed) free discussion

June 7 (Thu) ROOM 609

1330-1430 The size multipartite Ramsey numbers for stars and other graphs
Anie Lusiani (Politeknik Negeri Bandung and Institut Teknologi Bandung, Indonesia)

1440-1530 The Terwilliger algebra with respect to an edge of a bipartite 2-homogeneous distance-regular graph
Hajime Tanaka (Tohoku University)

1540-1630 TBA
Etsuo Segawa (Tohoku University)