

TGT25 Program

18, Nov. Monday

15:00–19:00 : Registration

19, Nov. Tuesday

8:30 : Registration desk open

9:20–9:30 : Opening announcement

9:30–10:30 : **Bojan Mohar**, *Rooted $K_{2,4}$ minors and $Y\Delta$ -reducibility*

10:45–11:10 : Takashi Fujii, Junji Sato, Ayaka Yamazaki, Takuma Muto, Aika Okazaki,
Generating theorems for some plane graphs

11:10–11:35 : Kazuhiko Usio, *Balanced C_4 -foil designs and related designs*

11:35–12:00 : Akira Kamibeppu, *The boxicity of generalized Mycielski graphs*

13:30–14:30 : **Ken-ichi Kawarabayashi**, *Towards the grid theorem for directed graphs*

14:45–15:10 : Hiroshi Maehara, *Hill-simplices and replicating simplices*

15:10–15:35 : Shinya Fujita, *On almost spanning monochromatic subgraphs with high connectivity*

15:35–16:00 : Yoshio Sano, *On intersection graphs associated with digraphs and posets*

16:15–16:40 : Atsuhiko Nakamoto, *Independence number and coloring of graphs on surfaces*

16:40–17:05 : Kwang Ju Choi, *A characterization of almost all minimal not nearly planar graphs*

17:05–17:30 : Michiko Kasai, *Connectedness of colored subgraphs in Grünbaum colored triangulations*

17:45– : **Welcome party** at the workshop room

20, Nov. Wednesday

9:30–10:30 : **Alberto Márquez**, *Bar-visibility representation of graphs*

10:45–11:10 : Takayuki Nozawa, *Book embedding of graphs embeddable on surfaces*

11:10–11:35 : Seiken Saito, *Mertens' theorem of a finite graph*

11:35–12:00 : Matěj Stehlík, *Quadrangulations of projective space*

13:30–14:30 : **Gelasio Salazar**, *On the crossing number of the complete graph*

14:45–15:10 : Gen Kawatani, *On strict-double-bound numbers of graphs and graph operations*

15:10–15:35 : Mamoru Watanabe, *Some problems of balanced bipartition on permutations*

15:35–16:00 : Iwao Sato, *A note on the discrete-time evolutions of quantum walk on a graph*

16:15–16:40 : Yoshiaki Oda, *Balanced partitions on permutations and their application to a geometric problem*

16:40–17:05 : Kenta Noguchi, *Relations between even triangulations and quadrangulations on surfaces*

17:05–17:30 : Seiya Negami, *Distinguishing chromatic number of maps on closed surfaces*

21, Nov. Thursday

9:30–10:30 : **Martin Škoviera**, *Hamilton cycles in truncated triangulations of closed surfaces*

10:45–11:10 : Kenta Ozeki, *Characterization of $K_{2,4}$ -minor-free graphs*

11:10–11:35 : Terukazu Sano, *Re-embedding structures of triangulations on the Klein Bottle*

11:35–12:00 : Nafaa Chbili, *The Tutte polynomial and the automorphism group of a graph*

13:30–14:30 : **Josef Širáň**, *Regular maps on a given surface*

14:45–15:10 : Shin-ichi Tanigawa,

Inductive constructions of sparse group-labeled graphs for the analysis of graph rigidity

15:10–15:35 : Etsuo Segawa, *Limit theorems for the Grover walk on crystal lattice*

15:35–16:00 : Jun Fujisawa, *Distance-restricted matching extension in triangulations of surfaces*

16:15–16:40 : Seog-Jin Kim, *Chromatic-choosability of the power of graphs*

16:40–17:05 : Norio Konno, *The universality of quantum walks on graphs*

18:00– : Party at **Limapuluh Annex** (<http://mayanddee.co.jp/cafe/annex/>)

22, Nov. Friday

9:30–10:30 : **Serge Lawrencenko**, *A tour around irreducible triangulations of surfaces*

10:45–11:10 : Mohammad Tariq Rahim, *A note on degree distance of connected 4-cyclic graphs*

11:10–11:35 : Yuki Kawasaki, *N -flips in even triangulations on the torus*

11:35–12:00 : Shoichi Tsuchiya, *Plane graphs without HISTs*

13:30–13:55 : Yuma Tanaka, *Fast counting of the number of primitive sorting network on n elements*

13:55–14:20 : Naoki Matsumoto, *The domination number of triangulations on surfaces*

14:20–14:45 : Yusuke Suzuki, *Cube-contractions in 3-connected quadrangulations*

15:00–15:25 : Masahiro Hachimori, *Hereditary-shellable simplicial complexes and extendability of shellings*

15:25–15:50 : Pavel Klavík, *Algorithmic aspects of regular graph covers*