## International Workshop on Spatial Graphs 2016

August 3 - 5, 2016

Room 503, Building No 14, Waseda University, Tokyo, JAPAN

## Program

## August 3

10:00 - 10:30	Kodai Wada (Waseda University) Milnor invariants of clover links
10:50 - 11:20	Yuka Kotorii (The University of Tokyo) On Milnor's $\bar{\mu}$ -invariants for handlebody-links
11:40 - 12:10	Atsushi Ishii (University of Tsukuba) Parallel biquandle colorings for handlebody-knots and spatial graphs
	Lunch break
13:30 - 14:00	Sam Nelson (Claremont McKenna College) Triquasiles and Dual Graph diagrams for Oriented Spatial Graphs
14:20 - 14:50	Robert Haraway (University of Sydney) Necklace diagrams and small cusps
15:10 - 15:40	Mario Eudave-Muñoz (Instituto de Matematicas, UNAM) Handlebody-knots and Moebius bands
16:10 - 16:40	Yuanyuan Bao (The University of Tokyo) Heegaard Floer homology and spatial graphs
17:00 - 17:30	Danielle O'Donnol (Indiana University) Planar Legendrian Spatial Graphs

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## August 4

10:00 - 10:30	Song Yu (Pomona College) Symmetries of graphs in homology spheres
10:50 - 11:20	Zhongtao Wu (The Chinese University of Hong Kong) On Miyazaki's fibered, negative amphicheiral knots
11:40 - 12:10	Erica Flapan (Pomona College) Intrinsically asymmetric 2-colorings of spatial graphs
	Lunch break
13:30 –	Excursion
August 5	
10:00 - 10:30	Sungjong No (Ewha Womans University) Arc index of spatial graphs
10:50 - 11:20	Minjung Lee (Korea university) Stick number of spatial graphs
11:40 - 12:10	Seungsang Oh (Korea University) Enumeration Algorithm for Lattice Model
	Lunch break
13:30 - 14:00	Hyoungjun Kim (Korea University) The restoring argument and the new intrinsically knotted graphs with 22 edges
14:20 - 14:50	Mike Pierce (University California, Riverside) Examples of Obstructions to Apex Graphs, Edge-Apex Graphs, and Contraction Apex Graphs
15:10 - 15:40	Sergey Melikhov (Steklov Math Institute (Moscow)) Combinatorics of intrinsic linking
16:10 - 16:40	Vassily Manturov (Bauman Moscow State Technical University) Minor theory for framed 4-valent graphs
17:00 - 17:30	Ryo Nikkuni (Tokyo Woman's Christian University) Free differential calculus and classical and twisted Alexander invariants of spatial graphs
18:00 - 20:00	Banquet