Call for Participants

The Workshop on Topological Intelligence

Tokyo Metropolitan University, February 3 – 7, 2022.

Co-organizers:

- Naoyuki Kubota, Department of Mechanical Systems Engineering, Tokyo Metropolitan University
- Eiji Mizutani, Department of Industrial Management, National Taiwan University of Science and Technology.

Aim: The workshop on topological intelligence is held to discuss the mathematical formulation of topology and graph theory and its application to intelligent robotics. First, the workshop offers invited lectures on the graph and network algorithms with various illustrative examples mainly for optimization. Next, we discuss the applicability for robot navigation and path planning with participants.

Invited Lectures

Graph and Network Algorithms for Robot Navigation and Path Planning

Eiji Mizutani, Dept. of Industrial Management, National Taiwan University of Science and Technology.

Dates: February 3 – 7, 2022

- Feb 3: 13:30－15:30
- Feb 4: 10:00－12:00
- Feb 5: 13:30－15:30
- Feb 7: 13:30－15:30

Participation Fee: Free

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