

Combinatorial Reconfiguration Workshop 2024 (Fukuoka, Japan)

October 7 (Mon.)

live streamed?	JST: UTC+9		Talks
	start	finish	
--	10:00	10:30	Opening, and self-introduction by participants
Yes	10:30	11:00	Manoj Belavadi, Kathie Cameron, Ni Luh Dewi Sintiar Recoloring via modular decomposition
Yes	11:00	11:30	Lucas De Meyer, Frantisek Kardos, Aurélie Lagoutte, Guillem Perarnau Edge-recoloring with non-increasing potential
--	11:30	13:00	Lunch on your own
Yes	13:00	14:00	[Invited Talk] Jean Cardinal Shortest paths on polymatroids and hypergraphic polytopes
--	14:00	14:15	Break (15 min)
Yes	14:15	14:45	Tesshu Hanaka, Yuni Iwamasa, Yasuaki Kobayashi, Yuto Okada, Rin Saito Basis sequence reconfiguration in the union of matroids
Yes	14:45	15:15	Petr Gregor, Hung P. Hoang, Arturo Merino, Ondřej Mička Generating all invertible matrices by row operations
--	15:15	15:30	Break (15 min)
--	15:30	17:30	Open problem session / Working session

October 8 (Tue.)

Yes	10:00	10:30	Takehide Soh, Takumu Watanabe, Jun Kawahara, Akira Suzuki, Takehiro Ito On scalable hard instances for independent set reconfiguration
Yes	10:30	11:00	Dong Yang, Yuya Yamada, Mutsunori Banbara, Katsumi Inoue, Torsten Schaub, Ryuhei Uehara Combinatorial reconfiguration with answer set programming: System recongo and some experimental results
Yes	11:00	11:30	[Mentoring] Kazuki Takada, Dong Yang, Mutsunori Banbara Pareto-optimal combinatorial reconfiguration considering cost and length based on answer set programming
--	11:30	13:00	Lunch on your own
Yes	13:00	14:00	[Invited Talk] Naoto Ohsaka On the complexity of approximating reconfiguration problems
--	14:00	14:15	Break (15 min)
Yes	14:15	14:45	Mario Grobler, Stephanie Maaz, Nicole Megow, Amer E. Mouawad, Vijayaragunathan Ramamoorthi, Daniel Schmand, Sebastian Siebertz Solution discovery via reconfiguration for problems in P
Yes	14:45	15:15	Henning Fernau, Kevin Mann How to reconfigure your alliances
--	15:15	15:30	Break (15 min)
--	15:30	17:30	Open problem session / Working session

October 9 (Wed.)

live streamed?	JST: UTC+9		Talks
	start	finish	
Yes	10:00	10:30	Naonori Kakimura, Yuta Mishima Reconfiguring labeled matchings in triangular grid graphs
Yes	10:30	11:00	Tatsuhiko Suga, Akira Suzuki, Yuma Tamura, Xiao Zhou Independent set reconfiguration under extended reconfiguration rules
Yes	11:00	11:30	Akihiro Yamamura, Tatiana B. Jajcayova Rearrangement problem of bicolor arrays by prefix reversals
--	11:30	13:00	(Group photo) Lunch on your own
--	13:00	17:30	Social event

October 10 (Thur.)

Yes	10:30	11:00	[Mentoring] Takahiro Suzuki Dominating set reconfiguration under extended token sliding
Yes	11:00	11:30	[Mentoring] Rikuto Kawana, Rin Saito, Takehiro Ito A new optimization variant of independent set reconfiguration
--	11:30	13:00	Lunch on your own
Yes	13:00	14:00	[Tutorial Talk] Akira Suzuki Combinatorial reconfiguration applied to power distribution systems
--	14:00	14:15	Break (15 min)
--	14:15	17:30	Open problem session / Working session

October 11 (Fri.)

--	10:00	11:30	Open problem session / Working session
--	11:30	12:00	Closing

invited talk including discussion = 60 minutes each
 contributed/mentoring talk including discussion = 30 minutes each