

# Trends in Online Algorithms (TOLA 2014)

ICALP 2014 workshop, IT University of Copenhagen, Denmark, July 7, 2014

8:00 – 8:55	Registration
8:55 – 9:00	Welcome (Joan Boyar)
	Session 1 (AUD3) Chair: Lene M. Favrholdt
9:00 – 9:30	<i>Online Colored Bin Packing</i> Martin Böhm, Jiří Sgall, <b>Pavel Veselý</b>
9:30 – 10:00	<i>Better Algorithms for Online Bin Stretching</i> <b>Martin Böhm</b> , Jiří Sgall, Rob van Stee, Pavel Veselý
10:00 – 10:30	<i>Near-Optimal Algorithms for Online Linear Programming</i> <b>Zizhuo Wang</b> , Shipra Agrawal, Yinyu Ye
10:30 – 11:00	Break
	Session 2 (AUD3) Chair: Yossi Azar
11:00 – 11:30	<i>A Survey on Advice and Randomization of the Knapsack Problem</i> <b>Dennis Komm</b> , Hans-Joachim Boeckenhauer, Richard Kralovic, Peter Rossmanith
11:30 – 12:00	<i>Online Bin Packing with Advice</i> <b>Joan Boyar</b> , Shahin Kamali, Kim S. Larsen, Alejandro López-Ortiz
12:00 – 12:30	<i>Tight Bounds for the Advice Complexity of the Online Minimum Steiner Tree Problem</i> <b>Kfir Barhum</b>
12:30 – 13:30	Lunch
	Session 3 (AUD3) Chair: Jiri Sgall
13:30 – 14:00	<i>Online Node-weighted Steiner Connectivity Problems</i> MohammadTaghi HajiAghayi, <b>Vahid Liaghat</b> , Debmalya Panigrahi
14:00 – 14:30	<i>Online Max-Edge-Coloring of Paths and Trees</i> Lene M. Favrholdt, <b>Jesper W. Mikkelsen</b>
14:30 – 15:00	<i>Deciding the On-line Chromatic Number of a Graph with Pre-Coloring is PSPACE-Complete</i> <b>Christian Kudahl</b>
15:00 – 15:30	Break
	Session 4 (AUD3) Chair: Dennis Komm
15:30 – 16:00	<i>Competitive Analysis for Multi-Objective Algorithms</i> <b>Morten Tiedemann</b>
16:00 – 16:30	<i>The Price of Leasing Online</i> <b>Christine Markarian</b> , Sebastian Abshoff, Peter Kling, Friedhelm Meyer Auf der Heide
16:30 – 17:30	Break – followed by ICALP reception at 17:30