

Thursday, 19 July 2012

8:00– registration

Session 1: 8:45-10:40 (Chair: David Manlove)

8:45 Opening remarks: Péter Biró. Opening words and some historical notes on matching theory in Hungary.

9:00 Invited talk: Rob Irving. Medical Matching in Scotland: Reflections on the Interplay of Theory and Practice

10:00 Katarzyna Paluch. Faster and simpler approximation of stable matchings

10:20 Zoltán Király. Linear time local approximation algorithm for maximum stable marriage

10:40 *** Coffee break (30 mins) ***

Session 2: 11:10-12:30 (Chair: Katarína Cechlárová)

11:10 Guillaume Haeringer and Vincent Iehlé. Two-sided Matching with One-Sided Data

11:30 Ozgun Ekici and Onur Kesten. An Equilibrium Analysis of the Probabilistic Serial Mechanism

11:50 Thayer Morrill. A Simple Variation of Top Trading Cycles

12:10 Umut Dur and Utku Unver. Tuition Exchange

12:30 *** Lunch break (90 mins) ***

Session 3: 14:00-15:20 (Chair: Tamás Solymosi)

14:00 Invited talk: Fuhito Kojima. Promoting School Competition Through School Choice: A Market Design Approach

15:00 Eduardo Azevedo and Jacob Leshno. A Supply and Demand Framework for Two-sided Matching Markets

15:20 *** Coffee break (20 mins) ***

Session 4: 15:40-16:40 (Chair: Tayfun Sönmez)

15:40 Kristiaan Glorie, Albert Wagelmans, Marry de Klerk, Joris van de Klundert, Willij Zuidema, Frans Claas and Willem Weimar. Unspecified donation in kidney exchange: when to end the chain

16:00 David Manlove and Gregg O'Malley. Paired and Altruistic Kidney Donation in the UK: Algorithms and Experimentation

16:20 Gagan Goel and Pushkar Tripathi. Matching with our Eyes Closed

16:40 *** Coffee break (20 mins) ***

Session 5: 17:00-18:00 (Chair: Zoltán Király)

17:00 Chien-Chung Huang and Telikepalli Kavitha. Weight-Maximal Matchings

17:20 Dimitrios Michail. An Experimental Comparison of Single-Sided Preference Matching Algorithms

17:40 Endre Boros, Liliya Fedzhora, Vladimir Gurvich and Steven Jaslar. On rank-profiles of stable matchings

19:30-22:30 *** Workshop dinner in Hotel Astoria***

Friday, 20 July 2012

Session 6: 9:00-10:40 (Chair: Péter Biró)

09:00 Invited talk: Tayfun Sönmez. Cadet-Branching at U.S. Army Programs

10:00 Rashid Farooq, Tamás Fleiner and Akihisa Tamura. Matching with partially ordered contracts

10:20 Haris Aziz, Markus Brill and Paul Harrenstein. Testing Substitutability of Weak Preferences

10:40 *** Coffee break (30 mins) ***

Session 7: 11:10-12:30 (Chair: Shuichi Miyazaki)

11:10 Christine Cheng and Eric McDermid. Maximum Locally Stable Matchings

11:30 Alexander Teytelboym. Strong stability in contractual networks and matching markets

11:50 Ágnes Cseh, Jannik Matuschke and Martin Skutella. Stable Flows over Time

12:10 Szilvia Papai. Hedonic Coalition Formation and Individual Preferences

12:30 *** Lunch break (90 mins) ***

Session 8: 14:00-15:20 (Chair: Tamás Fleiner)

14:00 Invited talk: Nicole Immorlica. Two-Sided Matching with Partial Information

15:00 Pavlos Eirinakis, Dimitrios Magos, Ioannis Mourtos and Panayiotis Miliotis. On the structural characteristics of the Stable Marriage polytope

15:20 *** Coffee break (20 mins) ***

Session 9: 15:40-16:40 (Chair: Guillaume Haeringer)

15:40 Jacob Leshno. Dynamic Matching in Overloaded Systems

16:00 Songzi Du and Yair Livne. Flexibility of Transfers and Unraveling in Matching Markets

16:20 James Boudreau. An exploration into why some matchings are more likely than others

16:40 *** Coffee break (20 mins) ***

Session 10: 17:00-18:00 (Chair: Marina Nunez)

17:00 Péter Biró, Matthijs Bomhoff, Petr Golovach, Walter Kern and Daniel Paulusma. Solutions for the Stable Roommates Problem with Payments

17:20 Daniel Ayala, Ouri Wolfson, Bo Xu, Bhaskar Dasgupta and Jie Lin. Stability of Marriage and Vehicular Parking

17:40 David Manlove. Announcement of "Algorithmics of Matching Under Preferences"

17:55 Tamás Fleiner. Closing words.