ICALP Workshop: Match-Up, 6 July 2008

Workshop Programme

Session 1: 0830 – 1030   Chair: Rob Irving
0830   Opening remarks
0840   Invited talk: M. Sotomayor, My encounters with David Gale
0930   H. Halaburda, Unravelling in two-sided matching markets and similarity of preferences
0950   H. Kobayashi & T. Matsui, Successful manipulation in stable marriage model with complete preference lists
1010   K. Cechlárová & T. Fleiner, On the house allocation markets with duplicate houses

1030   ---- Coffee (30 minutes) ----

Session 2: 1100 – 1250   Chair: Kazuo Iwama
1100   Invited talk: K. Mehlhorn, Assigning papers to reviewers.
1150   Z. Kiraly, Better and simpler approximation algorithms for the stable marriage problem
1210   T. Kavitha & M. Nasre, Optimal popular matchings
1230   K. Hamada, K. Iwama & S. Miyazaki, The hospitals/residents problem with quota lower bounds

1250   ---- Lunch (1 hour 10 minutes) ----

Session 3: 1400 – 1550   Chair: David Manlove
1400   Invited talk: A. Roth, Kidney exchange: design and evolution of a computer-assisted matching mechanism
1450   C-C. Huang, Circular stable matching and 3-way kidney transplant
1510   P. Biro & E. McDermid, Three-sided stable matchings with cyclic preferences
1530   N. Chen, N. Immorlica, A.R. Karlin, M. Mahdian & A. Rudra, Approximating matches made in heaven

1550   ---- Coffee (30 minutes) ----

Session 4: 1620 – 1720   Chair: Péter Biró
1620   B. Klaus & F. Klijn, Smith and Rawls share a room: stability and medians
1640   E. Inarra, C. Larrea & E. Molis, The stability of the roommate problem revisited
1700   T. Fleiner, R.W. Irving & D.F. Manlove, An algorithm for a super stable roommates problem

1720   ---- Short break ----

Session 5: 1730 – 1830   Chair: Tamás Fleiner
1730   B.C. Dean & S. Munshi, Faster algorithms for stable allocation problems
1750   P. Eirinakis, D. Magos, I. Mourtos & P. Miliotis, Finding all stable pairs for the (many-to-many) stable matching
1810   J. Wako, A note on existence and uniqueness of vNM stable sets in marriage games

1830   Closing remarks