

DaveFest, Day I

Thursday, September 19, 2013

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| 08:30-08:40 | <i>Welcome; practical issues</i> (John Hatcliff) |
| 08:40-08:50 | (remembrance) <i>Beth Unger</i> |
| 08:50-09:00 | (remembrance) <i>Virg Wallentine</i> |
| 09:00-09:30 | Neil Jones: <i>A Swiss Pocket Knife for Computability</i> |
| 09:30-10:00 | Carolyn Talcott: <i>The Immune System: the ultimate fractionated cyber-physical system</i> |
| 10:00-10:40 | Break (coffee and pastries) |
| 10:40-10:50 | (remembrance) <i>Torben Amtoft</i> |
| 10:50-11:20 | Charles Consel: <i>Design-Driven Software Development: A Programming Language-Inspired Approach</i> |
| 11:20-11:50 | Zoe Drey: <i>Denotational Semantics of a User-Oriented, Domain-Specific Language</i> |
| 11:50-11:51 | <i>Lunch instructions</i> |
| 12:00-1:30 | Lunch on your own (Student Union or Aggieville) |
| 1:30-2:00 | Thomas Jensen: <i>Pretty-big-step-semantics-based Certified Abstract Interpretation</i> |
| 2:00-2:30 | Francesco Logozzo: <i>Automatic Repair of Overflowing Expressions with Abstract Interpretation</i> |
| 2:30-2:40 | (remembrance) <i>Masaaki Mizuno</i> |
| 2:40-3:15 | Break (coffee and pastries) |
| 3:15-3:45 | Isabella Mastroeni: <i>Abstract Interpretation-based approaches to Security - A Survey on Abstract Non-Interference and its Challenging Applications</i> |
| 3:45-4:15 | Roberto Giacobazzi: <i>Completeness and Incompleteness as Models for Unveiling and Veiling Information in Programs</i> |
| 4:15-4:25 | (remembrance) <i>Kyung Goo Doh</i> |
| 4:25-4:26 | <i>Dinner instructions</i> |
| 4:45-6:15 | Optional mini-excursion – Konza Prairie Sunset Walk |
| 7:00-10:00 | Symposium Dinner |

DaveFest, Day II

Friday, September 20, 2013

- 8:30-9:00 Peter Sestoft: *Online Partial Evaluation of Sheet-Defined Functions*
- 9:00-9:30 Torben Mogensen: *A Comparison of Well-Quasi Orders on Trees*
- 9:30-9:50 Robert Glueck: *Simulation of Two-Way Pushdown Automata Revisited*
- 9:50-10:00 (remembrance) *Francesco Logozzo*
- 10:00-10:30** Break (coffee and pastries)
- 10:30-10:40 (remembrance) *Bernhard Steffen*
- 10:40-10:50 (remembrance) *Peter Sestoft*
- 10:50-11:20 Johannes Neubauer, Bernhard Steffen, Tiziana Margaria: *Higher Order Process Modeling*
- 11:20-11:50 Xavier Rival, Bor-Yuh Evan Chang: *Modular Construction of Shape-Numeric Analyzers*
- 11:50-11:51 *Lunch instructions*
- 12:00 - 1:30** Lunch on your own (Student Union or Aggieville)
- 1:30-2:00 Kedar Namjoshi: *Model Checking in Bits and Pieces*
- 2:00-2:30 Michael Huth and Jim Kuo: *Foundations for Next Generation Trust Management: Language Design, Semantics, and Verification*
- 2:30-2:40 (remembrance) *Gurdip Singh*
- 2:40-3:00** Break (coffee and pastries)
- 3:00-3:30 Philip Mulry: *Notions of Monad Strength*
- 3:30-4:00 Jeffrey T. Denniston, Austin Melton, and Stephen E. Rodabaugh: *Formal Concept Analysis, and Galois Connections*
- 4:00-4:20 Alberto Pettorossi: *Verification of Imperative Programs by Constraint Logic Program Transformation*
- 4:20-4:30** Break
- 4:30-5:15 David Schmidt: *Reflections*
- 5:15-5:30 *Closing* (Anindya Banerjee)
- 6:00 -** Dinner on your own (possibly informal organization of group dinner)