Schedule

Tuesday 18 July 2006

Tutorials — Morning

09:00 - 11:00	**New Insights into Probabilistically Checkable Proofs (PCPs)** by Eli Ben-Sasson (Comput Sci Dept, Technion Inst of Technology, Israel)
11:00 - 11:15	Coffee/tea break
11:15 - 13:15	**Operational theories of sets** by Solomon Feferman (Depts of Mathematics and Philosophy, Stanford University, USA)
13:15 - 16:30	Lunch break

Tutorials — Afternoon

14:30 - 16:30	**Behavioral Computation Theory** by Yuri Gurevich (Microsoft Research, USA)
16:30 - 16:45	Coffee/tea break
16:45 - 18:45	**Symbolic Analysis of Computer Network Security Protocols** by Andre Scedrov (Department of Mathematics, University of Pennsylvania, USA)

Wednesday 19 July 2006

Proof Theory — Morning

08:30 - 10:30	**Proof Mining: Applications of Proof Theory to Analysis** by Ulrich Kohlenbach (Department of Mathematics, Darmstadt University of Technology, Germany)
10:30 - 10:45	Coffee/tea break
10:45 - 11:20	**The Axiom System I$Sigma_0$ Manages to Simultaneously Obey and Evade the Herbrandized Version of the Second Incompleteness Theorem** by Dan Willard
11:20 - 11:55	**Propositional games with explicit strategies** by Bryan Renne
11:55 - 12:30	**Towards Hilbert's 24th Problem: Combinatorial Proof Invariants** by Dominic Hughes
12:30 - 14:00	Lunch break

Formal Methods — Afternoon

14:00 - 15:15	**Symbolic Analysis of Computer Network Security Protocols** by Andre Scedrov (Department of Mathematics, University of Pennsylvania, USA)
15:15 - 15:30	Coffee/tea break
15:30 - 16:05	**Reasoning with Graphs** by Jorge Petrúcio Viana, Renata P. de Freitas, Sheila R. M. Veloso and Paulo A. S. Veloso
16:05 - 16:40	**Situations as strings** by Tim Fernando
16:40 - 17:15	**Abstract Families of Abstract Categorial Languages** by Makoto Kanazawa
17:15 - 17:50	**Conditional Doxastic Models: a qualitative approach to dynamic belief revision** by Alexandru Baltag and Sonja Smets
20:00 -	Welcome cocktail

Thursday 20 July 2006

Logic and Model Theory   Morning

09:00 - 11:00	**Infinitesimals in Model Theory** by Thomas Scanlon (Mathematics Department, University of California at Berkeley, USA)
11:00 - 11:15	Coffee/tea break
11:15 - 11:50	**Monadic Second-Order Logic over Trees and Deterministic Transitive Closure Logics** by Hans-Jörg Tiede and Stephan Kepser
11:55 - 14:00	Lunch break

Logic and Computation   Afternoon

14:00 - 15:15	**New insights into Probabilistically Checkable Proofs (PCPs)** by Eli Ben-Sasson (Comput Sci Dept, Technion Inst of Technology, Israel)
15:15 - 15:30	Coffee/tea break
15:30 - 16:05	**Formalizing Type Operations Using the "Image" Type Constructor** by Aleksey Nogin and Alexei Kopylov
16:05 - 16:20	Coffee/tea break
16:20 - 17:35	**The expanding notion of algorithm** by Yuri Gurevich (Microsoft Research, USA)
20:00 -	Conference Dinner

Friday 21 July 2006

Logic and Foundations   Morning

09:00 - 10:15	**A logical uniform boundedness principle for abstract metric and hyperbolic spaces** by Ulrich Kohlenbach (Dept of Mathematics, Darmstadt Univ of Tech, Germany)
10:15 - 10:30	Coffee/tea break
10:30 - 11:45	**Operational theories of sets** by Solomon Feferman (Depts of Mathematics and Philosophy, Stanford University, USA)
11:45 - 12:00	Coffee/tea break
12:00 - 12:35	**Proof mining in R-trees and hyperbolic spaces** by Laurentiu Leustean
12:35 - 13:10	**On interpolation problem in paraconsistent extensions of minimal logic** by Larisa Maksimova
13:10 - 14:00	Lunch break

Logic, Model Theory and Definability   Afternoon

14:00 - 15:15	**Groups in Nonstandard Complex Manifolds** by Thomas Scanlon (Mathematics Department, University of California at Berkeley, USA)
15:15 - 15:30	Coffee/tea break
15:30 - 16:05	**Additive Consolidation with Maximal Change** by Yoshitaka Suzuki.
16:05 -	Closing