

The Constructive in Logic and Applications  
A Conference in Honor of the 60th Birthday of Sergei Artemov

Segal Theatre at the Graduate Center, CUNY  
365 Fifth Avenue, New York, NY 10016

Conference Schedule

*May 23, 2012, Wednesday*

- 8:30 - snack breakfast/coffee  
9:00 - 9:15 Official Opening  
9:15 - 10:00 Gerald Sacks (Harvard & MIT) *Condensing Theories*  
10:00 - 10:45 Victor Marek (University of Kentucky) *Solvers - applications of logic at the beginning of the 21st Century*
- Coffee Break  
11:00 - 11:45 Solomon Feferman (Stanford) *Which Quantifiers are logical? A combined semantical and inferential criterion*  
11:45 - 12:30 Haim Gaifman (Columbia University) TBA
- Lunch  
2:00 - 2:45 Sergei Artemov (CUNY) *A classical view of constructive semantics*  
2:45 - 3:30 Dexter Kozen (Cornell University) TBA
- Coffee Break  
3:45 - 4:15 Bryan Renne (University of Amsterdam & University of British Columbia) *The Dynamic Logic of Justified Knowledge and Belief*  
4:15 - 5:00 Harvey Friedman (Ohio State University, Columbus) *Invariant Maximality*
- 5:00 - 6:30 Welcome party: wine and cheese at the Graduate Center  
6:30 - 8:00 Piano recital by Harvey Friedman

*May 24, 2012, Thursday*

- 8:30 - snack breakfast/coffee  
9:00 - 9:45 Robert Constable (Cornell University) *Intersection Types in Constructive Type Theory*  
9:45 - 10:30 Andre Scedrov (University of Pennsylvania) *Collaborative Systems*
- Coffee Break  
10:45 - 11:30 Joan Moschovakis (Occidental College and MPLA in Athens) *'At Most One' constructively*  
11:30 - 12:15 Yiannis Moschovakis (UCLA & University of Athens) *Intrinsic complexity in arithmetic and algebra*
- Lunch  
2:00 - 2:45 Sam Buss (UC San Diego) *Algorithmic Randomness via Probabilistic Algorithms*  
2:45 - 3:30 Johan van Benthem (University of Amsterdam and Stanford University) *Evidence Dynamics in Neighborhood Logics*
- Coffee Break  
3:45 - 4:15 Robert Milnikel (Kenyon College) *The Logic of Uncertain Justifications*  
4:15 - 5:00 Anil Nerode (Cornell University) *Sergei Artemov from 4 to 60*  
6:00 Conference Dinner

*May 25, 2012, Friday*

- 8:30 - snack breakfast/coffee  
9:00 - 9:45 Adam Brandenburger (NYU) *From Positive to Zero to Negative Probability*  
9:45 - 10:3 Arnon Avron (Tel-Aviv University) *Domain Independence, Predicativity, and Constructivity*
- Coffee Break  
10:45 - 11:30 Vaughan Pratt (Stanford University) *Geodesic spaces: Euclid's five postulates as an equational theory, starting with the second*  
11:30 - 12:30 Round Table chaired by Rohit Parikh (CUNY) *Knowledge and Rationality*
- Lunch  
2:00 - 2:45 Jeff Remmel (University of California, San Diego) *Hybrid Answer Set Programming*  
2:45 - 3:30 Melvin Fitting (CUNY) *Realization Made Simpler*  
3:30 - 4:00 Pavel Naumov (McDaniel College) *On interchangeability of Nash equilibria in multi-player zero-sum games*