



ICALP 2007 • LICS 2007 • PPDP 2007
Logic Colloquium 2007 • Satellite workshops

Wrocław, July 8–19, 2007

Institute of Computer Science • University of Wrocław, Poland





Grunwaldzki Bridge

Conferences

- ICALP 34th International Colloquium on Automata, Languages and Programming
- LC Logic Colloquium
- LICS 22nd Annual IEEE Symposium on Logic in Computer Science
- PPDP 9th ACM-SIGPLAN International Symposium on Principles and Practice of Declarative Programming

Satellite workshops

- DCM 3rd International Workshop on Development of Computational Models
- FCS-ARSPA 2nd Joint Workshop on Foundations of Computer Security and Automated Reasoning for Security Protocol Analysis
- GOCP 1st International Workshop on Group-Oriented Cryptographic Protocols
- LCC 9th International Workshop on Logic and Computational Complexity
- PAuL 2nd International Workshop on Probabilistic Automata and Logics
- TMCNAA Workshop on Traced Monoidal Categories, Network Algebras, and Applications
- TRSH Workshop on Theory of Randomized Search Heuristics
- SOS 4th Workshop on Structural Operational Semantics
- WCAN 3rd Workshop on Cryptography for Ad-hoc Networks

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Lecture rooms

Code in the schedule	Name	Entrance locations
GW	Great Western Lecture Hall	ground floor (door no. 12 and 13), first floor (door no. 116)
GE	Great Eastern Lecture Hall	ground floor (door no. 25 and 27), first floor (door no. 121)
SW	Small Western Lecture Hall	first floor (door no. 118A and 118B)
SE	Small Eastern Lecture Hall	first floor (door no. 119A and 119B)
room 4	Classroom 4	ground floor
room 222	Classroom 222	second floor
room 223	Classroom 223	second floor
room 325	Classroom 325	third floor
CHEM	Chemistry Department	next building

Duration of talks

ICALP, LICS, PPDP: presentation of regular papers should last no longer than 25 minutes; remaining 5 minutes are reserved for questions and discussion.

Logic Colloquium: talks scheduled for 20, 30, 45 and 60 minutes should last, respectively, 15, 25, 40 and 50 minutes; remaining 5 (respectively 10) minutes are reserved for questions and discussion.

Sunday, July 8th

	FCS/ARSPA	WCAN
08:50	Welcome to FCS/ARSPA and WCAN, SE	
09:00	Toby Murray and Gavin Lowe: <i>Authority Analysis for Least Privilege Environments, SE</i>	
09:30	Richard Chang and Vitaly Shmatikov: <i>Formal Analysis of Authentication in Bluetooth Device Pairing, SE</i>	
10:00	Todd R. Andel and Alec Yasinsac: <i>Automated Security Analysis of Ad Hoc Routing Protocols, SE</i>	
10:30	Ender Yüksel, Hanne Riis Nielson, Christoffer Rosenkilde Nielsen and Mehmet Bülent Örencik: <i>A Secure Simplification of the PKMv2 Protocol in IEEE 802.16e-2005, SE</i>	
11:00-11:30	coffee break	
11:30	Stéphanie Delaune and Veronique Cortier: <i>Deciding knowledge in security protocols for monoidal equational theories, SE</i>	
12:00	Adel Bouhoula and Florent Jacquemard: <i>Verifying Regular Trace Properties of Security Protocols with Explicit Destructors and Implicit Induction, SE</i>	
12:30	Simon Kramer: <i>The Meaning of a Cryptographic Message via Hypothetical Knowledge and Provability, SE</i>	
13:00-14:00	lunch	
14:00	Zhiyao Liang and Rakesh Verma: <i>Secrecy Checking of Protocols: Solution of an Open Problem, SE</i>	
14:30	Kazuki Yoneyama, Yuichi Kokubun and Kazuo Ohta: <i>A Security Analysis on Diffie-Hellman Key Exchange against Adaptive Adversaries using Task-Structured PIOA, SE</i>	
15:00	Invited lecture: Srdjan Capkun (ETH Zurich): <i>From Securing Navigation Systems to Securing Wireless Communication Through Location-Awareness, SE</i>	
16:00-16:30	coffee break	

	FCS/ARSPA	WCAN
16:30		Vanesa Daza, Javier Herranz, Paz Morillo and Carla Rafols: <i>Threshold Broadcast Encryption with Shorter Ciphertexts, SE</i>
17:00		Nouha Oualha and Yves Roudier: <i>Securing Ad Hoc Storage through Probabilistic Cooperation Assessment, SE</i>
17:30		Keith M. Martin and Maura Paterson: <i>An Application-Oriented Framework for Wireless Sensor Network Key Establishment, SE</i>
18:00		Maarit Hietalahti: <i>A Clustering-based Group Key Agreement Protocol for Ad-Hoc Networks (work in progress), SE</i>
18:20		Giovanni Di Crescenzo: <i>A Survey on Cryptography for Vehicular Networks, SE</i>
18:40		Sylvia Encheva and Sharil Tumin: <i>Security Administration of Protected Web Resources (work in progress), SE</i>
19:00-20:00		
20:00-	Workshop dinner	

Monday, July 9th

	ICALP, track A1	ICALP, track A2	GOCP	PAuL	SOS
09:00	Invited lecture: Bernard Chazelle (Princeton University): <i>Ushering in a New Era of Algorithm Design</i> , GE				Invited lecture: Paweł Sobociński (Southampton): <i>A well-behaved LTS for the π-calculus</i> , SE
10:00					

	Session A1, GE	Session A2, GW			
10:00	Nikhil Bansal, Ho-Leung Chan and Kirk Pruhs: <i>Competitive Algorithms for Due Date Scheduling</i> , GE	Rajeev Motwani, Rina Panigrahy and Ying Xu: <i>Estimating Sum by Weighted Sampling</i> , GW	Emmanuel Bresson, Christian Cachin and Jörg Schwenk: <i>Welcome to the Workshop room 222</i>	Invited lecture: Antonin Kucera (Masaryk University, Brno): <i>PCTL formulae as a winning objective in stochastic games</i> , SW	Traian Serbanuta, Grigore Rosu and Jose Meseguer: <i>A Rewriting Logic Approach to Operational Semantics</i> , SE
10:15					
10:30	George Christodoulou, Elias Koutsoupias and Annamária Kovács: <i>Mechanism Design for Fractional Scheduling on Unrelated Machines</i> , GE	Johannes Blömer and Stefanie Naewe: <i>Sampling Methods for Shortest Vectors, Closest Vectors and Successive Minima</i> , GW	Łukasz Krzywiecki, Mirosław Kutylowski and Maciej Nikodem: <i>General Anonymous Key Broadcasting via Lagrangian Interpolation</i> , room 222		
11:00-11:30	coffee break				

	Session A3, GE	Session A4, GW			
11:30	Seth Pettie: <i>Low Distortion Spanners</i> , GE	Kazuo Iwama, Harumichi Nishimura, Rudy Raymond and Shigeru Yamashita: <i>Unbounded-Error One-Way Classical and Quantum Communication Complexity</i> , GW	Invited lecture: Giuseppe Ateniese (Johns Hopkins University): <i>Practical Group Signatures: Are we there yet?</i> , room 222	Tomas Brazdil and Vojtech Forejt: <i>Strategy Synthesis</i> , SW	David Frutos Escrig and Carlos Gregorio Rodriguez: <i>Simulations up-to and Canonical Preorders</i> , SE
12:00					
12:15	Amos Korman: <i>Labeling Schemes for Vertex Connectivity</i> , GE	Paul Beame, Matei David, Toniann Pitassi and Philipp Woelfel: <i>Separating Deterministic from Nondeterministic NOF Multiparty Communication Complexity</i> , GW		Emmanuel Bresson and Mark Manulis: <i>Malicious Participants in Group Key Exchange: Key Control and Contributiveness in the Shadow of Trust</i> , room 222	Axel Legay, Andrzej S. Murawski, Joel Ouaknine and James Worrell: <i>On Automated Verification of Probabilistic Programs</i> , SW
13:00-14:30	lunch				

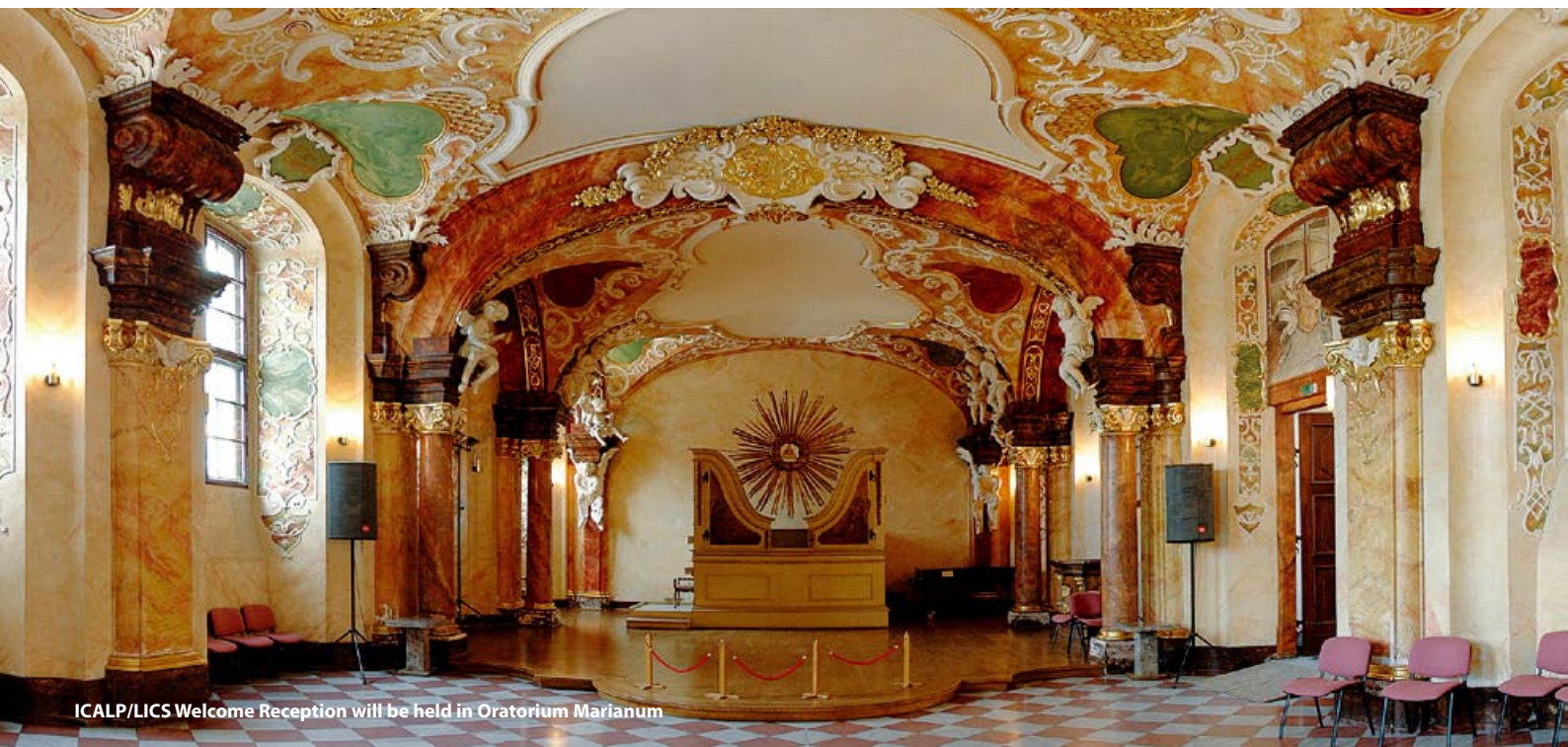
	ICALP, track A1	ICALP, track A2	GOCP	PAuL	SOS
	Session A5, GE	Session A6, GW			
14:30	Erik D. Demaine, Shay Mozes, Benjamin Rossman and Oren Weimann: <i>An Optimal Decomposition Algorithm for Tree Edit Distance</i> , GE	Chi-Jen Lu, Shi-Chun Tsai and Hsin-Lung Wu: <i>On the Complexity of Hard-Core Set Constructions</i> , GW	Ling Cheung, Joseph A. Cooley, Roger Khazan and Calvin Newport: <i>Collusion-Resistant Group Key Management Using Attribute-Based Encryption</i> , room 222	Evan Tzanis: <i>A note on probabilistic logics</i> , SW	Iain Phillips and Irek Ulidowski: <i>Reversibility and models for concurrency</i> , SE
15:00	Dragan Bošnački, Edith Elkind, Blaise Genest and Doron Peled: <i>On Commutativity Based Edge Lean Search</i> , GE	Ryan O'Donnell and Karl Wimmer: <i>Approximation by DNF: Examples and Counterexamples</i> , GW	Michel Abdalla, Eike Kiltz and Gregory Neven: <i>Generalized Key Delegation for Hierarchical Identity-Based Encryption</i> , room 222		MohammadReza Mousavi and Michel Reniers: <i>A Congruence Rule Format with Universal Quantification</i> , SE
15:15				Verena Wolf: <i>Modelling of Biochemical Reactions by Stochastic Automata Networks</i> , SW	
15:30	Irit Katriel, Claire Kenyon-Mathieu and Eli Upfal: <i>Commitment Under Uncertainty: Two-Stage Stochastic Matching Problems</i> , GE	Peter Bürgisser and Felipe Cucker: <i>Exotic Quantifiers, Complexity Classes, and Complete Problems</i> , GW	Aggelos Kiayias and Hong-Sheng Zhou: <i>Hidden Identity Based Signatures</i> , room 222		Jesper Bengtson and Joachim Parrow: <i>A completeness proof for bisimulation in the π-calculus using Isabelle</i> , SE
16:00-16:30	coffee break				

16:30	ICALP Awards Ceremony, GE	Invited lecture: Anna Lysyanskaya (Brown University): <i>Compact Ecash and Applications</i> , room 222	Invited lecture: Catuscia Palamidessi (LIX, Ecole Polytechnique): <i>Information-hiding protocols as opaque channels</i> , SW
17:30		Alberto N. Escalante, Hans Löhr and Ahmad-Reza Sadeghi: <i>An Unsplittable Privacy-Protecting Multi-Coupon Scheme for a Group of Vendors</i> , room 222	
18:00			

Tuesday, July 10th

ICALP, track A		ICALP, track C	LICS
		Session 1: Type Theory, GE	
09:00	Invited lecture: Ivan Damgård (Aarhus University): <i>A "Proof-Reading" of some Issues in Cryptography</i> , GW	Andreas Abel, Thierry Coquand and Peter Dybjer: <i>Dependent Types with Universes via Normalization-by-Evaluation</i> , GE	
09:30		Colin Riba: <i>Strong Normalization as Safe Interaction</i> , GE	
Session A7, GW		Session C1, SW	
10:00	Amotz Bar-Noy, Panagiotis Cheilaris, Svetlana Olonetsky and Shakhar Smorodinsky: <i>Online Conflict-Free Colorings for Hypergraphs</i> , GW	Yuval Ishai, Tal Malkin, Martin J. Strauss and Rebecca N. Wright: <i>Private Multiparty Sampling and Approximation of Vector Combinations</i> , SW	Wojciech Moczydłowski: <i>A Dependent Set Theory</i> , GE
		Session 2: Security, GE	
10:30	Pierre Fraigniaud, Cyril Gavoille, David Ilcinkas and Andrzej Pelc: <i>Distributed Computing with Advice: Information Sensitivity of Graph Coloring</i> , GW	Nenad Dedic and Payman Mohassel: <i>Constant-Round Private Database Queries</i> , SW	Mika Cohen and Mads Dam: <i>A Complete Axiomatization of Knowledge and Cryptography</i> , GE
11:00-11:30 coffee break			
Session A8, GW		Session C2, SW	Session 3: Computational Proof Theory, GE
11:30	Benoît Larose and Pascal Tesson: <i>Universal Algebra and Hardness Results for Constraint Satisfaction Problems</i> , GW	Tal Moran, Moni Naor and Gil Segev: <i>Deterministic History-Independent Strategies for Storing Information on Write-Once Memories</i> , SW	Paul Brauner, Clément Houtmann and Claude Kirchner: <i>Principles of Superdeduction</i> , GE
12:00	Albert Atserias, Andrei Bulatov and Victor Dalmau: <i>On the power of k-consistency</i> , GW	Aggelos Kiayias and Hong-Sheng Zhou: <i>Trading Static for Adaptive Security in Universally Composable Zero-Knowledge</i> , SW	James Brotherston and Alex Simpson: <i>Complete Sequent Calculi for Induction and Infinite Descent</i> , GE
		Short presentations 1, GE	
12:30	Nachum Dershowitz and Iddo Zameret: <i>Complexity of Propositional Proofs Under a Promise</i> , GW	Bruce Kapron, Lior Malka and Venkatesh Srinivasan: <i>A Characterization of Non-Interactive Instance-Dependent Commitment-Schemes (NIC)</i> , SW	Mikołaj Bojańczyk: <i>The common fragment of CTL and LTL needs existential modalities</i> , GE
12:40			James Worthington: <i>A Bisimulation-based Proof System for the Equational Theory of Kleene Algebra</i> , GE
12:50			Manas Patra: <i>Descriptive characterization of quantum circuits (Abstract)</i> , GE
13:00-14:30 lunch			

	ICALP, track A	ICALP, track C	LICS
	Session A9, GW	Session C3, SW	
14:30	Michael R. Fellows, Guillaume Fertin, Danny Hermelin and Stéphane Vialette: <i>Sharp Tractability Borderlines for Finding Connected Motifs in Vertex-Colored Graphs</i> , GW	Rafail Ostrovsky, Omkant Pandey and Amit Sahai: <i>Private Locally Decodable Codes</i> , SW	Invited lecture: Thomas C. Hales (University of Pittsburgh): <i>The Kepler Conjecture and the Flyspeck Project</i> , GE
15:00	Noga Alon, Fedor V. Fomin, Gregory Gutin, Michael Krivelevich and Saket Saurabh: <i>Parameterized Algorithms for Directed Maximum Leaf Problems</i> , GW	Mihir Bellare and Thomas Ristenpart: <i>Hash Functions in the Dedicated-Key Setting: Design Choices and MPP Transforms</i> , SW	
15:30	Martin Grohe and Magdalena Grüber: <i>Parameterized Approximability of the Disjoint Cycle Problem</i> , GW	Mihir Bellare, Chanathip Namprempre and Gregory Neven: <i>Unrestricted Aggregate Signatures</i> , SW	LICS awards ceremony , GE
16:00	Jiong Guo and Rolf Niedermeier: <i>Linear Problem Kernels for NP-Hard Problems on Planar Graphs</i> , GW	Nishanth Chandran, Jens Groth and Amit Sahai: <i>Ring Signatures of Sub-linear Size without Random Oracles</i> , SW	
16:30-17:00	coffee break		
			Session 4: Timed and Stochastic Systems , GE
17:00	EATCS Assembly , GW		Hugo Gimbert and Wiesław Zielonka: <i>Limits of Multi-Discounted Markov Decision Processes</i> , GE
17:30			Luca de Alfaro, Rupak Majumdar, Vishwanath Raman and Marielle Stoelinga: <i>Game Relations and Metrics</i> , GE
18:00-18:30			Patricia Bouyer, Nicolas Markey, Joel Ouaknine and James Worrell: <i>The Cost of Punctuality</i> , GE
20:00-			Welcome Reception in Oratorium Marianum



ICALP/LICS Welcome Reception will be held in Oratorium Marianum

Wednesday, July 11th

ICALP, track A		ICALP, track B		ICALP, track C		LICS		
						Session 5: Verification , GE		
09:00	Invited lecture: Fred B. Schneider (Cornell University): <i>Credentials-Based Authorization: Evaluation and Implementation</i> , GW			Rajeev Alur, Marcelo Arenas, Pablo Barcelo, Kousha Etessami, Neil Immerman and Leonid Libkin: <i>First-order and Temporal Logics for Nested Words</i> , GE				
09:30				Salvatore La Torre, Madhusudan Parthasarathy and Gennaro Parlato: <i>A Robust Class of Context-Sensitive Languages</i> , GE				
10:00								
Session A10 , GW		Session B1 , SW		Session C4 , SE				
10:00	Noga Alon and Shai Gutner: <i>Balanced Families of Perfect Hash Functions and Their Applications</i> , GW		Lutz Schröder and Dirk Pattinson: <i>Modular Algorithms for Heterogeneous Modal Logics</i> , SW		Ben Adida and Douglas Wikström: <i>Offline/Online-Mixing</i> , SE		Francesco Ranzato and Francesco Tapparo: <i>A New Efficient Simulation Equivalence Algorithm</i> , GE	
10:30	Ioannis Caragiannis, Michele Flammini and Luca Moscardelli: <i>An Exponential Improvement on the MST Heuristic for the Minimum Energy Broadcasting in Ad Hoc Wireless Networks</i> , GW		Luke Simon, Ajay Bansal, Ajay Mallya and Gopal Gupta: <i>Co-Logic Programming: Extending Logic Programming with Coinduction</i> , SW		Jun Furukawa and Nuttapon Attrapadung: <i>Fully Collusion Resistant Black-Box Traitor Revocable Broadcast Encryption with Short Private Keys</i> , SE		Detlef Kaehler, Ralf Kuesters and Tomasz Truderung: <i>Infinite State AMC-Model Checking for Cryptographic Protocols</i> , GE	
11:00-11:30		coffee break						
Session A11 , GW		Session B2 , SW						
11:30	Meng He, J. Ian Munro and S. Srinivasa Rao: <i>Succinct Ordinal Trees Based on Tree Covering</i> , GW		Manuel Bodirsky, Hubie Chen, Jan Kára and Timo von Oertzen: <i>Maximal Infinite-Valued Constraint Languages</i> , SW				Mikołaj Bojańczyk: <i>Two-way unary temporal logic over trees</i> , GE	
12:00	Ankur Gupta, Wing-Kai Hon, Rahul Shah and Jeffrey Scott Vitter: <i>A Framework for Dynamizing Succinct Data Structures</i> , GW		Albert Atserias, Andrei Bulatov and Anuj Dawar: <i>Affine Systems of Equations and Counting Infinitary Logic</i> , SW				Marcin Jurdziński and Ranko Lazic: <i>Alternation-Free Modal μ-Calculus for Data Trees</i> , GE	
12:30	Gianni Franceschini and S. Muthukrishnan: <i>In-Place Suffix Sorting</i> , GW		Stephan Kreutzer, Martin Otto and Nicole Schweikardt: <i>Boundedness of Monadic FO over Acyclic Structures</i> , SW				Angelo Montanari and Gabriele Puppis: <i>A Contraction Method to Decide MSO Theories of Trees</i> , GE	
13:00-14:30		lunch						
14:30-22:45		Excursion						


Thursday, July 12th

ICALP, track A		ICALP, track B	LICS
		Session 6: Constraints GE	
09:00	Invited lecture: Fedor V. Fomin (University of Bergen): <i>Subexponential Parameterized Algorithms</i> , GW	Laszlo Egri, Benoit Larose and Pascal Tesson: <i>Symmetric Datalog and Constraint Satisfaction Problems in Logspace</i> , GE	
09:30		Manuel Bodirsky and Hubie Chen: <i>Quantified Equality Constraints</i> , GE	
Session A12, GW		Session B3, SW	
10:00	Amos Fiat, Haim Kaplan, Meital Levy and Svetlana Olonetsky: <i>Strong Price of Anarchy for Machine Load Balancing</i> , GW	Marcelo Fiore and Chung-Kil Hur: <i>Equational Systems and Free Constructions</i> , SW	Paweł Idziak, Petar Markovic, Ralph McKenzie, Matt Valeriote and Ross Willard: <i>Tractability and learnability arising from algebras with few subpowers</i> , GE
		Session 7: Proof Complexity , GE	
10:30	Spyros C. Kontogiannis and Paul G. Spirakis: <i>Efficient Algorithms for Constant Well Supported Approximate Equilibria in Bimatrix Games</i> , GW	Ichiro Hasuo, Bart Jacobs and Tarmo Uustalu: <i>Categorical Views on Computations on Trees</i> SW	Steven James Perron: <i>Examining The Fragments of G</i> , GE
11:00-11:30 coffee break			
Session A13, GW		Session B4, SW	
11:30	Jin-Yi Cai and Pinyan Lu: <i>Holographic Algorithms: The Power of Dimensionality Resolved</i> , GW	James Laird: <i>A Fully Abstract Trace Semantics for General References</i> , SW	Phuong Nguyen: <i>Separating DAG-Like and Tree-Like Proof Systems</i> , GE
12:00	Laurent Bienvenu and Wolfgang Merkle: <i>Reconciling data compression and Kolmogorov complexity</i> , GW	Jonathan K. Lee, Jens Palsberg and Fernando Magno Quintão Pereira: <i>Aliased Register Allocation for Straight-line Programs is NP-Complete</i> , SW	Phuong Nguyen and Stephen A. Cook: <i>The Complexity of Proving the Discrete Jordan Curve Theorem</i> , GE
		Session 8: Finite Model Theory , GE	
12:30	Gary L. Miller, Todd Phillips and Donald Sheehy: <i>Size Competitive Meshing without Large Angles</i> GW	Sylvain Schmitz: <i>Conservative Ambiguity Detection in Context-Free Grammars</i> , SW	Anuj Dawar, Martin Grohe and Stephan Kreutzer: <i>Locally Excluding a Minor</i> GE
13:00-14:30 lunch			
Session A14, GW		Session B5, SW	
14:30	Sudipto Guha and Andrew McGregor: <i>Lower Bounds for Quantile Estimation in Random-Order and Multi-Pass Streaming</i> , GW	Naoki Kobayashi and Takashi Suto: <i>Undecidability of 2-Label BPP Equivalences and Behavioral Type Systems for the π-Calculus</i> , SW	Invited lecture: Phokion Kolaitis (IBM Almaden Research Centre): <i>Reflections on Finite Model Theory</i> , GE
15:00	Michael Elkin: <i>Streaming and Fully Dynamic Centralized Algorithms for Constructing and Maintaining Sparse Spanners</i> , GW	Gerald Lüttgen and Walter Vogler: <i>Ready Simulation for Concurrency: It's Logical!</i> , SW	
15:30	Matthew Chu, Sampath Kannan and Andrew McGregor: <i>Checking and Spot-Checking the Correctness of Priority Queues</i> , GW	Jean Goubault-Larrecq: <i>Continuous Capacities on Continuous State Spaces</i> , SW	Balder ten Cate, Jouko Vaananen and Johan van Benthem: <i>Lindström theorems for fragments of first-order logic</i> , GE
16:00-16:30 coffee break			

	ICALP, track A	ICALP, track B	LICS
	Session A15, GW	Session B6, SW	Session 9: Concurrency and Process Calculus GE
16:30	Amin Coja-Oghlan, Konstantinos Panagiotou and Angelika Steger: <i>On the Chromatic Number of Random Graphs</i> , GW	Bernard Boigelot and Julien Brusten: <i>A Generalization of Cobham's Theorem to Automata over Real Numbers</i> , SW	Davide Sangiorgi, Naoki Kobayashi and Eijiro Sumii: <i>Environment Bisimulations for Higher-Order Languages</i> , GE
17:00	Noga Alon, Amin Coja-Oghlan, Hiệp Hàn, Mihyun Kang, Vojtěch Rödl and Mathias Schacht: <i>Quasi-Randomness and Algorithmic Regularity for Graphs with General Degree Distributions</i> , GW	Thomas Brihaye, Thomas A. Henzinger, Vinayak S. Prabhu and Jean-François Raskin: <i>Minimum-Time Reachability in Timed Games</i> , SW	Marcello Bonsangue and Alexander Kurz: <i>π-Calculus in Logical Form</i> , GE
17:30	Markus Bläser and Holger Dell: <i>Complexity of the Cover Polynomial</i> , GW	Marcin Jurdziński and Ashutosh Trivedi: <i>Reachability-Time Games on Timed Automata</i> , SW	Yuxin Deng, Rob van Glabbeek, Matthew Hennessey, Carroll Morgan and Chenyi Zhang: <i>Characterising Testing Preorders for Finite Probabilistic Processes</i> , GE
18:00-18:30		Hugo Gimbert and Wiesław Zielonka: <i>Perfect Information Stochastic Priority Games</i> , SW	
19:30-	Cocktail Reception in the Town Hall		



Friday, July 13th

ICALP, track B	LICS
Session 10: Semantics of Programming Languages	
09:00	Invited lecture: Gordon Plotkin (University of Edinburgh): <i>The Algebraic Theory of Effects</i> , GW or CHEM (TBA)
10:00-10:30	coffee break
Session B7, GW	
10:30	Henrik Björklund and Mikołaj Bojańczyk: <i>Bounded Depth Data Trees</i> , GW
11:00	Bartek Klin: <i>Bialgebraic operational semantics and modal logic</i> , GE
11:00	Wong Karianto and Christof Löding: <i>Unranked Tree Automata with Sibling Equalities and Disequalities</i> , GW
11:00	Rasmus Ejlers Mogelberg and Alex Simpson: <i>Relational Parametricity for Computational Effects</i> , GE
11:30	Marcelo Arenas, Pablo Barceló and Leonid Libkin: <i>Regular Languages of Nested Words: Fixed Points, Automata, and Synchronization</i> , GW
11:30	Francois Pottier: <i>Static Name Control for FreshML</i> , GE
12:00	Thomas Colcombet: <i>A Combinatorial Theorem for Trees</i> , GW
12:00	Cristiano Calcagno, Peter O'Hearn and Hongseok Yang: <i>Local Action and Abstract Separation Logic</i> , GE
12:30-14:00	lunch
14:00	Invited lecture: Michael O. Rabin (Harvard University and Hebrew University): <i>Highly Efficient Secrecy-Preserving Proofs of Correctness of Computations, and Applications</i> , GW or CHEM (TBA)
15:00-15:30	coffee break
Session B8, GW	
15:30	Anuj Dawar, Martin Grohe, Stephan Kreutzer and Nicole Schweikardt: <i>Model Theory Makes Formulas Large</i> , GW
15:30	Session 11: Game Semantics, GE
15:30	Paul-André Melliès and Nicolas Tabareau: <i>Resource Modalities in Game Semantics</i> , GE
16:00	Laura Bozzelli and Salvatore La Torre: <i>Decision Problems for Lower/Upper Bound Parametric Timed Automata</i> , GW
16:00	Nikos Tzevelekos: <i>Full abstraction for nominal general references</i> , GE
Short presentations 2, GE	
16:30	Gennaro Parlato and Salvatore La Torre: <i>On the Complexity of LTL Model-Checking of Recursive State Machines</i> , GW
16:30	Andrzej Murawski: <i>On the effect of bad variables</i> , GE
16:40	Mauro Piccolo and Claudia Faggian: <i>Ludics, Game Semantics and Concurrency</i> , GE
16:50	
17:00-17:30	
17:30-18:30	Michael O. Rabin's honorary PhD ceremony in Aula Leopoldina
18:30-19:15	
19:15	LICS business meeting , (drinks and snacks offered by ) , GE

[A map of Wrocław included here in the printed booklet has been removed from the on-line version due to copyright restrictions.]



Excursion on Wednesday, July 11, will first go to Church of Peace in Świdnica



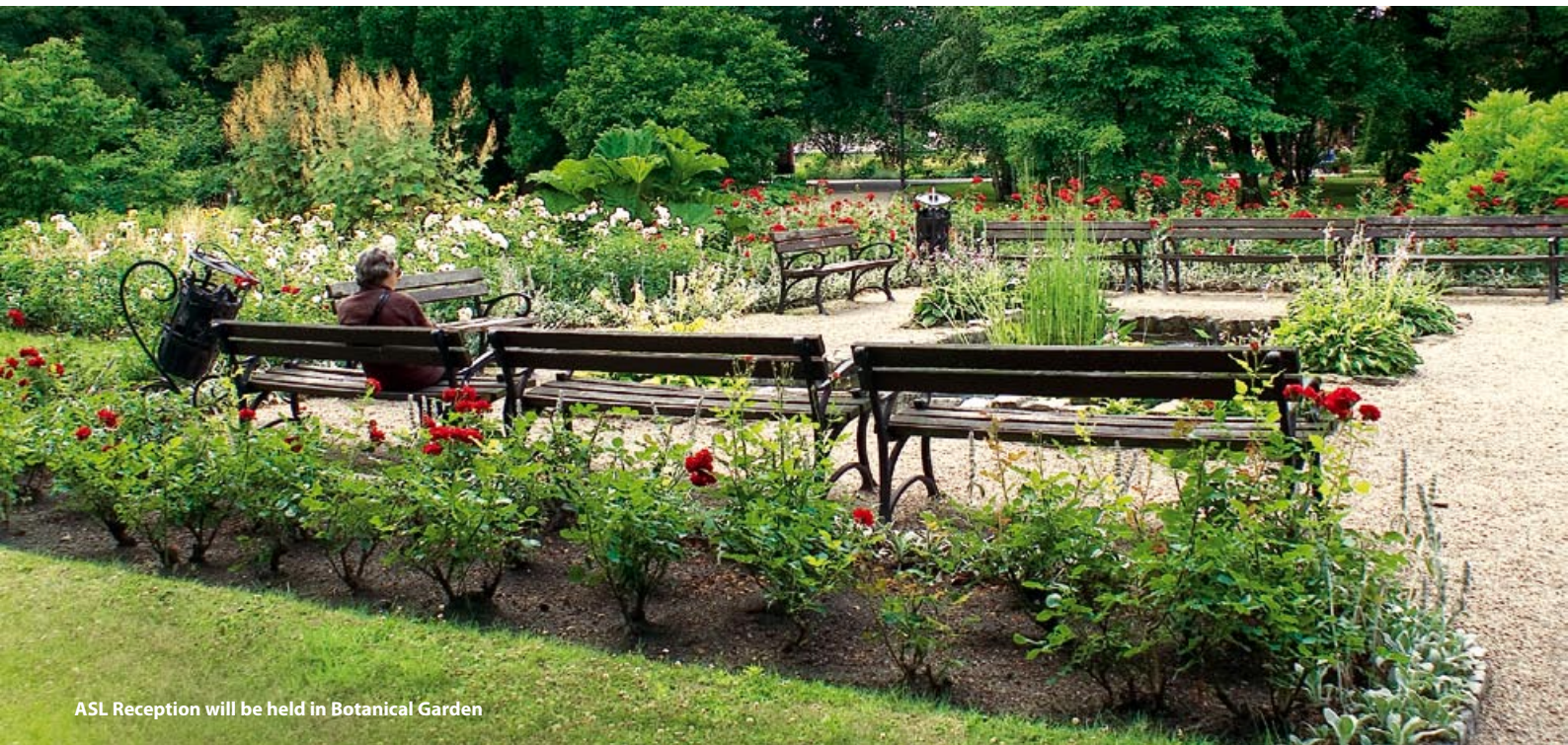
Michael O. Rabin's Honorary PhD
Ceremony will be held in Aula Leopoldina

Saturday, July 14th

	LICS	LC	PPDP	TRSH
08:00		LC registration , GW		
	Session 12: LinearLogic , GE			
09:00	Ulrich Schoepp: <i>Stratified Bounded Affine Logic for Logarithmic Space</i> , GE	LC opening ceremony , GW	Nick Benton and Uri Zarfaty: <i>Formalizing and Verifying Semantic Type Soundness of a Simple Compiler</i> , SE	Opening ceremony , room 325
09:15				
09:30	Patrick Baillot, Paolo Coppola and Ugo Dal Lago: <i>Light Logics and Optimal Reduction: Completeness and Complexity</i> , GE	Invited lecture: Bjørn Kjos-Hanssen (Cornell): <i>Brownian Motion and Kolmogorov Complexity</i> , GW	William C. Benton and Charles N. Fischer: <i>Interactive, Scalable, Declarative Program Analysis: From Prototype to Implementation</i> , SE	Tutorial: Carsten Witt (University of Dortmund): <i>Theory of Randomized Search Heuristics in Combinatorial Optimization</i> , room 325
10:00	Paulo Oliva: <i>Modified Realizability Interpretation of Classical Linear Logic</i> , GE		Leslie De Koninck, Tom Schrijvers and Bart Demoen: <i>User-definable Rule Priorities for CHR</i> , SE	
10:30-11:00	coffee break			

11:00	Invited lecture: Martin Hyland (Cambridge): <i>Combinatorics of Proofs</i> , CHEM	Invited lecture: Konstantinos Sagonas (Uppsala University): <i>Detecting bugs in Erlang programs using static analysis</i> , SE	Per Kristian Lehre and Xin Yao: <i>Runtime Analysis of (1+1) EA on Computing Unique Input Output Sequences</i> , room 325
11:30			Joachim Reichel and Martin Skutella: <i>Maximum Flow and Minimum Cut</i> , room 325
12:00	Invited lecture: Rosalie Iemhoff (Utrecht): <i>Skolemization in Constructive Theories</i> , CHEM	Salvador Lucas: <i>Practical use of polynomials over the reals in proofs of termination</i> , SE	Tobias Friedrich, Nils Hebbinghaus and Frank Neumann: <i>Plateaus Can Be Harder in Multi-Objective Optimization</i> , room 325
12:30	Invited lecture: Alex Simpson (Edinburgh): <i>Non-well-founded Proofs</i> , CHEM	Christian Skalka: <i>Type Safe Dynamic Linking for JVM Access Control</i> , SE	<i>Discussion</i> , room 325
13:00-14:30	lunch		

	LICS & LC	PPDP	TRSH
14:30	Invited lecture: Colin Stirling (Edinburgh): <i>Higher-Order Matching, Games and Automata</i> , CHEM	Sebastian Fischer and Herbert Kuchen: <i>Systematic Generation of Glass-Box Test Cases for Functional Logic Programs</i> , SE	Dirk Sudholt: <i>On the Parametrization of Memetic Evolutionary Algorithms</i> , room 325
15:00		James Cheney and Alberto Momigliano: <i>Mechanized Metatheory Model-Checking</i> , SE	Pietro S. Oliveto, Jun He and Xin Yao: <i>Evolutionary Algorithms and the Vertex Cover Problem</i> , room 325
15:30	Invited lecture: Cristiano Calcagno (Imperial College): <i>Can Logic Tame Systems Programs?</i> , CHEM	Nick Benton, Andrew Kennedy, Lennart Beringer and Martin Hofmann: <i>Relational Semantics for Effect-Based Program Transformations with Dynamic Allocation</i> , SE	Benjamin Doerr, Edda Happ and Christian Klein: <i>Crossover is Provably Useful in Evolutionary Computation</i> , room 325
16:00	Invited lecture: Martín Escardó (Birmingham): <i>Infinite sets that admit exhaustive search</i> CHEM	Makoto Hamana: <i>Higher-Order Semantic Labelling for Inductive Datatype Systems</i> , SE	Discussion, room 325
16:30-17:00	coffee break		



LICS		LC				PPDP	TRSH
Session 13: Topology and Computable Mathematics , GE		Contributed talks: <i>Set Theory</i> , GW	Contributed talks: <i>Proof Theory</i> , SW	Contributed talks: <i>Computable Model Theory</i> , room 222	Contributed talks: <i>Modal/Monadic Logic</i> , room 223		
17:00	Martín Escardó: <i>Infinite sets that admit exhaustive search II</i> , GE	Natasha Dobrinen: <i>On the Consistency Strength of the Tree Property at the Double Successor of a Measurable Cardinal</i> , GW	Joost Joosten: <i>Interpretability in PRA</i> , SW	Alexander Gavryushkin: <i>Computable Models Spectra of Ehrenfeucht Theories</i> , room 222	Achim Blumensath: <i>Simple Monadic Theories</i> , room 223	Alberto de la Encina, Luis Llana, Fernando Rubio and Mercedes Hidalgo-Herrero: <i>Debugging Parallel Functional Languages</i> , SE	Room for discussion and cooperation, room 325
17:20		Andrew Brooke-Taylor: <i>Definable Well-ordering, the GCH, and Large Cardinals</i> , GW	Ryan Young: <i>Asymmetric Systems of Natural Deduction</i> , SW	Andrey Frolov: Δ_n^0 -categorical linear orderings, room 222	Mikhail Sheremet: <i>A Modal Logic of Metric Spaces</i> , room 223		
17:30 17:40		Jean Goubault-Larrecq: <i>Noetherian Spaces</i> , GE					
17:40		Franqui Cárdenas: <i>A Forcing Extension of a $(\omega_2, 1)$ Simplified Morasses With No $(\omega_2, 1)$ Simplified Morasses With Linear Limits Using an Unfoldable Cardinal</i> , GW	Elliott Spoons: <i>Provably Recursive Functions in Extensions of a Predicative Arithmetic</i> , SW	Alexandra Revenko: <i>Automatic Linear Orders</i> , room 222	Zofia Kostrzycka: <i>On Formulas in One Variable and Logics Determined by Wheel Frames in NEXT(KTB)</i> , room 223		
18:00	Abbas Edalat: <i>A Computable Approach to Measure and Integration Theory</i> , GE						
18:30-21:00		ASL Reception in Botanical Garden					

Sunday, July 15th

	LC	PPDP	LCC	TRSH	DCM	TMCNAA
09:00	Invited lecture: Matthias Baaz (Vienna): <i>Towards a Proof Theory of Analogical Reasoning</i> , GE	Musab Alturki and José Meseguer: <i>Real-Time Rewriting Semantics of Orc</i> , SE	Invited lecture: Martin Grohe (Humboldt-Universität, Berlin): <i>Algorithmic meta-theorems</i> , room 4	Tutorial: Anne Auger (INRIA Futurs, Paris): <i>Continuous Randomized Search Heuristics: Theory is Alive and Well</i> , room 325	Invited lecture: Samson Abramsky (Oxford University): <i>Copy-cat Strategies and Information Flow in Physics, Geometry, Logic and Computation</i> , room 222	
09:30		Brad Lushman and Gordon V. Cormack: <i>A Larger Decidable Semiunification Problem</i> , SE				
10:00-10:30 coffee break						

10:30	Invited lecture: Paul Larson (Miami): <i>Large Cardinals and Forcing Absoluteness</i> , GE	Invited lecture: Josh Berdine (Microsoft Research): <i>Local Reasoning About Storable Locks</i> , SE	Invited lecture: Matt Valeriote (McMaster University, Hamilton): <i>An algebraic approach to the constraint satisfaction problem</i> , room 4	Mohamed Jebalia and Anne Auger: <i>Linear Convergence and Premature Convergence of Evolution Strategies in Noisy Spherical Environment</i> , room 325	Vincent Danos and Elie D'Hondt: <i>Quantum knowledge for cryptographic reasoning</i> , room 222	Invited lecture: Masahito Hasegawa (Kyoto University): <i>On Traced Monoidal Closed Categories</i> , room 223	
11:00							
11:00				Anne Auger, Sylvain Gelly, Sylvie Ruet and Olivier Teytaud: <i>On Invariances in Evolutionary Algorithms</i> , room 325	Simon Perdrix: <i>A Hierarchy of Quantum Semantics</i> , room 222		
11:15							Invited lecture: Paulo Oliva (University of London): <i>Hoare Logic in the Abstract</i> , room 223
11:30				Invited lecture: Tony Martin (UCLA): <i>Sets and the Concept of Set</i> , GE	Michael Hanus: <i>Putting Declarative Programming into the Web: Translating Curry to JavaScript</i> , SE		Evgenia Ternovska, David Mitchell and Brendan Guild: <i>Meta-finite model expansion</i> , room 4
12:00		Isabelle Gnaedig: <i>Induction for Positive Almost Sure Termination</i> , SE	Blai Bonet and Nerio Borges: <i>On canonical forms of concrete problems via first-order projections</i> , room 4	Discussion room 325	Pablo Arrighi and Renan Fargetton: <i>Intrinsically universal one-dimensional quantum cellular automata</i> , room 222		
12:05						Invited lecture: Ross Duncan: <i>Quantum Entanglement and Freely Constructed Compact Categories</i> , room 223	
12:30-14:00 lunch							

	LC	PPDP	LCC	TRSH	DCM	TMCNAA
	Special session: <i>Philosophical and Applied Logic at the JPL</i> , GE	Special session: <i>Model Theory</i> , GW				
14:00	Aldo Antonelli (Irvine): <i>From Philosophical Logic to Computer Science &dash; and back</i> , GE	Amador Martin-Pizarro (HU Berlin): <i>Some thoughts on bad objects</i> , GW	Paolo Tacchella, Maria Chiara Meo and Maurizio Gabbriellini: <i>Unfolding in CHR</i> SE	Room for discussion and cooperation, room 325	Invited lecture: Vladimiro Sassone (Southampton): <i>TBA</i> , room 222	Invited lecture: Prakash Panangaden (McGill University, Montreal): <i>Traces, Kahn Networks and the Geometry of Interaction</i> , room 223
14:30			Chongbing Liu and Enrico Pontelli: <i>Non-monotonic Inductive Logic Programming by Instance Patterns</i> , SE			
14:45	Horacio Arlò Costa (Carnegie-Mellon): <i>Philosophical Logic Meets Formal Epistemology</i> , GE	Vera Djordjevic (Uppsala): <i>Independence in structures and finite satisfiability</i> , GW	Francisco Lopez-Fraguas, Juan Rodriguez-Hortala and Jaime Sanchez-Hernandez: <i>A simple rewrite notion for call-time choice semantics</i> , SE	Tobias Ganzow and Sasha Rubin: <i>Order-invariant MSO is stronger than counting MSO</i> , room 4	Ross Duncan: <i>Verifying the Measurement Calculus by Rewriting</i> , room 222	Invited lecture: Gheorghe Stefanescu (University of Bucharest): <i>Streams, Network Algebras, and Interactive Systems</i> , room 223
15:00						
15:30-16:00 coffee break						

16:00	Tutorial: Bakh Khoussainov (Auckland): <i>Automatic Structures (1)</i> GE	Invited lecture: Witold Charatonik (University of Wrocław): <i>Regular Directional Types for Logic Programs</i> , SE	Invited lecture: Jan Johannsen (Ludwig-Maximilians-Universität München): <i>Resolution proof systems and clause learning SAT algorithms</i> , room 4		Shinya Sato and Ian Mackie: <i>A calculus for interaction nets based on the linear chemical abstract machine</i> , room 222	Invited lecture: Gordon Plotkin (University of Edinburgh): <i>TBA</i> , room 223	
16:30							Giorgio Bacci and Marino Miculan: <i>Undecidability of Model checking in Brane Logic</i> , room 222
16:45							
17:00							
17:10							

		LC			PPDP	LCC	DCM	TMCNAA
		Contributed talks: <i>Intuitionistic Logic</i> , GE	Contributed talks: <i>Set Theory</i> , GW	Contributed talks: <i>Randomness/Complexity Theory</i> , SW				Peter Hines, contd.
17:00	Konrad Zdanowski: <i>On the Second Order Intuitionistic Propositional Logic Without Universal Quantifier</i> , GE	Benjamin Claverie: <i>Changing ω by Stationary Set Preserving Forcing</i> , GW	Peter Cholak: <i>Strong Jump-traceability I: the Computably Enumerable Case</i> , SW	Katia Hristova, K. Tuncay Tekle and Yanhong A. Liu: <i>Efficient Trust Management Policy Analysis from Rules</i> , SE	Jean-Yves Marion and Romain Pechoux: <i>Resource control of object-oriented programs</i> , room 4	Anne Crumiere and Paul Ruet: <i>Spatial differentiation and positive circuits in a discrete framework</i> , room 222		
17:10								
17:15								
17:20	Tomasz Połacik: <i>Back and Forth Between Kripke Models</i> , GE	Ioanna Dimitriou: <i>Equi-consistency of Choiceless Higher Chang Conjectures with One Erdős Cardinal</i> , GW	Steffen Lemp: <i>Separating notions of randomness</i> , SW	Roberto Amadio and Frederic Dabrowski: <i>Feasible reactivity in a synchronous π-calculus</i> , SE	Karl-Heinz Niggl and Jan Mehler: <i>Improvements on and optimality of a recent method of certifying polynomial running time and linear/polynomial space</i> , room 4	Davide Ancona, Sonia Fagorzi and Elena Zucca: <i>A Parametric Calculus for Mobile Open Code</i> , room 222		
17:30								
17:40	Dariusz Surowik: <i>A New Axiomatization of IK_ω System</i> , GE	Hiroaki Minami: <i>Around Splitting And Reaping Number For Partitions of ω</i> , GW	Leszek Kołodziejczyk: <i>The Polynomial and Linear Time Hierarchies in Weak Arithmetic</i> , SW					
18:00								

Invited lecture:
Dusko Pavlovic (Kestrel Institute, Palo Alto and Oxford University): *Traces of intruders II: From Copy-cat, through Man-in-the-Middle, to Automated Turing Test*, room 223

18:00	Jack Stecher: <i>Intuitionism and Repeated Games</i> , GE	Barbara Majcher-Ivanov: <i>Nice Topologies of Polish G-spaces and Admissible Sets</i> , GW	James Worthington: <i>Automatic Proof Generation in Kleene Algebra with Tests</i> , SW
18:20	Marina Stukacheva: <i>On Models of Paraconsistent Analogue of the Scott Logic</i> , GE	Teruyuki Yorioka: <i>Fragments of Martin's Axiom Related to the Rectangle Refining Property</i> , GW	Satoru Kuroda: <i>Bounded Arithmetic and LOGCFL</i> , SW
18:30			
18:40	Michael O'Connor: <i>The Order-Theoretic Structure of Free Heyting Algebras</i> , GE	Luca Motto Ros: <i>General Reducibilities for Sets of Reals</i> , GW	Sam Sanders: <i>What If Computers Could Count to Infinity?</i> , SW
18:45			
19:00			

Bernadette Charron-Bost and Andre Schiper: *Computing in Distributed Systems in the Presence of Benign Failures*, room 222

Invited lecture:
Martin Hyland (University of Cambridge): *TBA*, room 223

20:30-24:00 ASL Council meeting, GE

Monday, July 16th

	LC
09:00	Tutorial: Steve Jackson (North Texas): <i>Cardinal Arithmetic in $L(R)$ (1)</i> , GE
10:00-10:30	coffee break
10:30	Invited lecture: Albert Atserias (Barcelona): <i>Structured Finite Model Theory</i> , GE
11:30	Invited lecture: Piotr Kowalski (Wrocław): <i>Definability in Differential Fields</i> , GE
12:30-14:00	lunch
14:00	Invited lecture: Vasco Brattka (Cape Town): <i>Computable Analysis and Effective Descriptive Set Theory</i> , GE
15:00	Tutorial: Bakh Khossainov (Auckland): <i>Automatic Structures (2)</i> , GE
16:00-16:30	coffee break

	Special session: <i>Philosophical and Applied Logic at the JPL</i> , GE	Special session: <i>Model Theory</i> , GW
16:30	Greg Restall (Melbourne): <i>Proof Theory and Meaning: Three Case Studies</i> , GE	Marcus Tressl (Regensburg): <i>Super real closed rings</i> , GW
17:15	Albert Visser (Utrecht): <i>Interpretations in Philosophical Logic</i> , GE	Ziv Shami (Tel Aviv): <i>Countable Imaginary Simple Unidimensional Theories</i> , GW

	Contributed talks: <i>Modal/Monadic Logic</i> , GE	Contributed talks: <i>Philosophical Logic</i> , GW	Contributed talks: <i>Model Theory</i> , SW	Contributed talks: <i>Logic in Computer Science</i> , SE
18:00	Erica Calardo: <i>Admissible Rules for the Multimodal Logic of Knowledge and Time LTK_{\perp}</i> , GE	Michał Peliś: <i>Epistemic Logic and Questions</i> , GW	Martin Koerwien: <i>Complexity of Isomorphism for Countable Models of Omega-stable Theories</i> , SW	Maria Bulińska: <i>Computational Complexity of $NL1$ with Assumptions</i> , SE
18:20	Tomasz Skura: <i>Finite Reduction Trees in Modal Logic</i> , GE	Luis Adrian Urtubey: <i>An Analysis of Some Basic Philosophical Thesis about Non-deductive Inference in the Framework of CHC Models</i> , GW	Alexey Muranov: <i>Interpretability of the Arithmetic in Certain Finitely Presented Groups</i> , SW	Aleksandra Kiślak-Malinowska: <i>Pre-groups: Their Logic and Applications for Natural Languages</i> , SE
18:40		Jacek Waldmayer: <i>Logical Theory of Structures</i> , GW	Kerkko Luosto: <i>Unary Quantifiers and Built-in Successor</i> , SW	Heinrich Wansing: <i>Harmonious Many-valued Propositional Logics and the Logic of Computer Networks</i> , SE
19:00				
20:00-21:00	Invited lecture: Andrzej Grzegorzczak (Warsaw): <i>Philosophical Content of Formal Achievements</i> , GE			

Tuesday, July 17th

	LC	
09:00	Tutorial: Steve Jackson (North Texas): <i>Cardinal Arithmetic in L(R) (2)</i> , GE	
10:00-10:30	coffee break	
10:30	Invited lecture: Fernando Ferreira (Lisbon): <i>On a New Functional Interpretation</i> , GE	
11:30	Tutorial: Kobi Peterzil (Haifa): <i>The Infinitesimal Subgroup of a Definably Compact Group (1)</i> , GE	
12:30	time for lunch	
13:00		Guided sightseeing
14:00	Excursion	time for lunch
15:30		Guided sightseeing
18:00		
18:30-		Boat party



Wednesday, July 18th

LC			
09:00	Tutorial: Steve Jackson (North Texas): <i>Cardinal Arithmetic in $L(R)$ (3)</i> , GE		
10:00-10:30 coffee break			
10:30 Invited lecture: Zoé Chatzidakis (Paris 7): <i>Model theory of difference fields, and some applications</i> , GE			
11:30 Tutorial: Kobi Peterzil (Haifa): <i>The Infinitesimal Subgroup of a Definably Compact Group (2)</i> , GE			
12:30-14:00 time for lunch			
	Special session: <i>Proof Complexity and Nonclassical Logics</i> , GE	Special session: <i>Logic and Analysis</i> GW	Special session: <i>Set Theory</i> , SE
14:00	Alasdair Urquhart (Toronto): <i>Complexity Problems for Substructural Logics</i> , GE	Julien Melleray (Urbana): <i>Geometry of the Urysohn Space: A Model-theoretic Approach</i> , GW	Matteo Viale (Vienna): <i>The Constructible Universe for the Anti-Foundation Axiom System ZFA</i> , SE
14:30	Emil Jeřábek (Prague): <i>Proof Systems for Modal Logics</i> , GE	Philipp Gerhardy (Pittsburgh/Oslo): <i>Local stability of ergodic averages</i> GW	Lionel Nguyen Van Thé (Calgary), joint with Jordi López Abad (Université Paris 7) and Norbert Sauer (University of Calgary): <i>The Urysohn sphere is oscillation stable</i> , SE
14:45	George Metcalfe (Vanderbilt): <i>Substructural Fuzzy Logics</i> , GE		Gunter Fuchs (Münster): <i>Maximality Principles for Closed Forcings</i> , SE
15:30-16:00 coffee break			
16:00 Tutorial: Bakh Khousainov (Auckland): <i>Automatic Structures (3)</i> , GE			

	Contributed talks: <i>Fuzzy Logic</i> , GE	Contributed talks: <i>Set Theory</i> , GW	Contributed talks: <i>Model Theory</i> , SE	Contributed talks: <i>Computability</i> , SW	Contributed talks: <i>Other Logics</i> , room 222
17:00	Petr Hájek: <i>Complexity of Fuzzy Predicate Logics with Witnessed Semantics</i> , GE	Philipp Schlicht: <i>Thin Projective Equivalence Relations and Inner Models</i> , GW	Nicolas Guzy: <i>Towards a Notion of p-adic Closure for a Ring</i> , SE	Thomas Kent: <i>Non-splitting Enumeration Degrees</i> , SW	Satoshi Matsuoka: <i>MLL Proof Nets as Error-correcting Codes</i> , room 222
17:20	Ondrej Majer: <i>Probabilistic representation of fuzzy logics</i> , GE	Heike Mildenberger: <i>There May Be Infinitely Many Coherence Classes under u and d</i> , GW	Immanuel Halupczok: <i>Motivic measure for pseudo-finite like fields</i> , SE	Serikzhan Badaev: <i>Completion of Numberings</i> , SW	Gemma Robles: <i>Relevance Logics and Intuitionistic Negation</i> , room 222
17:40	Libor Běhounek: <i>Multiplicative Quantifiers in Fuzzy and Substructural Logics</i> , GE	Denis Saveliev: <i>On Cardinals in Set Theory Without Choice and Regularity</i> , GW	Assaf Hasson: <i>On Uncountably Categorical Approximations and Gromov-Hausdorff Limits</i> , SE	James Hunter: <i>Higher-Order Reverse Topology</i> , SW	Horacio Faas: <i>Logical Inferences and Visualization</i> , room 222
18:00	Petr Cintula: <i>Structural Completeness For Fuzzy Logics</i> , GE	Robert Owen: <i>Outer Models, Class Forcing, and Weakly Self-defining Classes</i> , GW	Ikuro Yoneda: <i>CM-triviality and Geometric Elimination of Imaginaries</i> , SE	Ilnur Batyrshin: <i>The Algebraic Structure of Quasi-degrees</i> , SW	Cyrus Nourani: <i>Positive Realizability Morphisms and Tarski Models</i> , room 222
18:20	Urszula Wybraniec-Skardowska: <i>On Vague Sets and Vague Logic</i> , GE	Robert Lubarsky: <i>Signed-bit Representations of Real Numbers and the Constructive Stone-Yosida Theorem</i> , GW	Koichiro Ikeda: <i>A Remark on a Characterization of Non-forking in Generic Structures</i> , SE	Alexey Stukachev: <i>On Ershov Semilattices of Degrees of Σ-definability of Structures</i> , SW	
18:40					

19:30	ASL Banquet in Piwnica Świdnicka				
21:15					
22:00-					
23:00					
	Possible second ASL Council meeting , GE				

Thursday, July 19th

LC	
09:00	Invited lecture: Gabriel Debs (Paris 6): Coding compact spaces of Borel functions, GE
10:00	Tutorial: Kobi Peterzil (Haifa): The Infinitesimal Subgroup of a Definably Compact Group (3), GE
11:00-11:30	coffee break

Special session: Logic and Analysis GE		Special session: Set theory , GW	
11:30	Peter Hertling (München): <i>Computability and Non-Computability Results for the Topological Entropy of Shift Spaces</i> , GE	Victoria Gitman (City University of New York): <i>Scott's Problem For Proper Scott Sets</i> , GW	
12:00		Márton Elekes (Hungarian Academy of Sciences): <i>Partitioning κ-fold Covers into κ Many Subcovers</i> , GW	
12:15	Andreas Weiermann (Ghent): <i>Analytic Combinatorics of the Transfinite</i> , GE		
12:30-13:00		Asger Törnquist (Toronto): <i>Classifying Measure Preserving Actions Up to Conjugacy and Orbit Equivalence</i> , GW	



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