



Theoretical Computer Science

Theoretical Computer Science 148 (1995) 351-354

Contents EATCS Bulletin Number 56, June 1995

1.	EATCS Matters Letter from the President. The French Chapter (by Ph. Schnoebelen). The Italian Chapter (by R. Gorrieri).	1 2 17
2.	Gödel Prize	23
3.	ICALP '95 ICALP '95, Scientific and Social Program (by F. Gécseg)	25
4.	Contents of TCS	34
5.	EATCS Monographs and Texts	39
6.	Sister Organizations News from the European Association for Computer Science Logic (by E. Börger) FACS from the UK (by D. Simpson) BCS-FACS Xmas Workshop	51 53
7.	Institutional Sponsors	58 59
8.	News from Australia (by J. Staples)	65
9.	News from New Zealand (by C. Calude)	71
10.	News from Japan (by O. Watanabe) Nippon from South to North – Kobe, the big earthquake (by N. Katoh)	74
11.	News from Latin America (by R. Baeza-Yates)	77
12.	Columns H. Ehrig: The Algebraic Specification Column Correctness of actualization for parameterized implementation concepts based on constructors and abstractors (by H. Ehrig, HJ. Kreowski, F. Orejas). M. Nielsen: The Concurrency Column	79 85
	A. Salomaa: The Formal Language Theory Column From Parikh vectors to GO territories.	89
13.	Technical Contributions H. Fernau: A predicate for separating language classes	96
	the single function coarsest partition problem	97

	A. Meduna: A trivial method of characterizing the family of recursively enumerable languages by scattered context grammars	104
	M. Moshkov: Relationship between depth of deterministic and nondeterministic acyclic programs computing functions of k-valued logic	106
	H. Prodinger: Digital search trees and basic hypergeometric functions.	112
14.	Surveys and Tutorials	
	Quantum Computation and Complexity Theory II (by K. Svozil)	116
15.	Reports on Conferences	
	Twelfth Symposium on Theoretical Aspects of Computer Science (STACS '95) 2-4 March 1995, Munich, Germany (report by M. Kudlek)	137
	International Workshop on Universal Machines and Computations, (MCU/UMC '95)	
	29-31 March 1995, Paris, France (report by M. Kudlek)	141
	(report by V. Diekert)	144
	April 1995, Swansea, UK (report by John Stell)	145
16.	Conference Announcements	
	DIMACS Special Year on Logic and Algorithms	146
	NV, USA 29 May-1 June 1995	148
	(DSV-IS '95), 7-9 June 1995, Toulouse, France	154
	Minneapolis, MN, USA	157
	San Diego, CA, USA	161
	Sixteenth International Conference on Application and Theory of Petri Nets, 26–30 June 1995, Torino, Italy	166
	Conference on Computer-Aided Verification (CAV '95), 3-5 July 1995, Leige, Belgium Sixth Symposium Combinatorial Pattern Matching (CPM '95), 5-7 July 1995, and	173
	Combinatorial Pattern Matching Summer School, 3-4 July 1995, Helsinki, Finland	178
	Eighth Conference on Computational Learning Theory (COLT '95), 5-8 July 1995, Santa Cruz, CA, USA	182
	Newton Institute Workshop on Themes in the Semantics of Computation, 17-21 July 1995,	
	Cambridge, UK	184
	17-21 July 1995, Kloster Irsee, Germany	185
	Seventh Annual ACM Symposium on Parallel Algorithms and Architectures (SPAA '95) and Fifth ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming	
	(PPoPP '95), User Interface Workshop on Parallel Programming Software, 17-22 July 1995, Santa Barbara, CA, USA	190
	Seventh Canadian Conference on Computational Geometry, 10–14 August 1995,	170
	Québec, PQ, Canada	204
	Newton Institute Euroconference on Advances in Type Systems for Computing,	20.5
	14-18 August 1995, Cambridge, UK	205
	Kingston, Canada	206
	Germany Fourteenth ACM SIGACT-SIGOPS Symposium on Principles of	215
	Distributed Computing (PODC '95), 20–23 August 1995, Ottawa, Canada	216
	Tenth International Conference on Fundamentals of Computation Theory (FCT '95),	
	22-25 August 1995, Dresden, Germany	222

Contents EATCS Bulletin	Theoretical	Computer Science	148	(1995)	351-354
-------------------------	-------------	------------------	-----	--------	---------

	Twentieth International Symposium on Mathematical Foundations of Computer Science (MFCS '95), 28 August-1 September 1995, Prague, Czech Republic	228
	Oslo, Norway	236
	Graph Drawing '95 (GD '95), 20-22 September 1995, Passau, Germany	239 241
	International Static Analysis Symposium (SAS '95), 25-27 September 1995, Glasgow, UK Tbilisi Symposium on Language, Logic and Computation, 19-22 October 1995, Tbilisi, Republic of Georgia	244 245
	Thirty-sixth Annual IEEE Symposium on Foundations of Computer Science (FOCS '95), 23-25 October 1995, Milwaukee, MN, USA	243
	Fifth Italian Conference on Theoretical Computer Science, 9-11 November 1995, Ravello, Italy	249
	Second International Course on Petri Nets for Latin America, 20–28 November 1995, Campina Grande, Brazil.	250
	Twenty-second international Winter School on Theoretical and Practical Aspects of Computer Science (SOFSEM '95), 25 November-2 December 1995, Milovy,	
	Czech Republic	251
	Pathumthani, Thailand BCS-FACS Xmas Workshop 1995, 18–19 December 1995, London, UK Fifteenth Conference on the Foundations of Software Technology and Theoretical Computer Science (FST&TCS 206), 18, 20 December 1905, Barralese	254 255
	Theoretical Computer Science (FST&TCS '95), 18-20 December 1995, Bangalore, India	256
	28–30 January 1996, Atlanta, GA, USA	258
	Melbourne, Australia	260 261
	(COORDINATION '96), 15-17 April 1996, Cesena, Italy	262
	Fifth Conference On Integer Programming and Combinatorial Optimization (IPCO V), 3-5 June 1996, Vancouver, BC, Canada	263
	24-28 June 1996, Osaka, Japan	265
	8-12 July 1996, Paderborn, Germany	268
17.	Agenda of Events	270
18.	Reports on Computer Science Departments and Institutes Department of Computer Science, York University, York, ON, Canada	280
19.	Technical Reports and Publications University of Trier, Department of Computer Science, Trier, Germany. University of Utrecht, Department of Computer Science, Utrecht, The Netherlands	283 289
20.	Abstracts of Ph.D. Theses P.J. de Bruin: Inductive types in constructive languages. C. Câmpeanu: Topological methods in descriptive complexity. M. Enciso: Temporal logic and automated theorem proving. Efficiency and parallellism	292 296 298
	C.N. Galley: On the parallel complexity of combinatorial problems A. Gräf: Coloring and recognizing special graph classes. E. de Kogel: Equational proofs in tableaux and logic programming	301 303 306
	A. Roncato: On some models of computations: relations, feasibility and computational bounds	310

Contents EATCS Bulletin / Theoretical Computer Science 148 (1995) 351-354

354

	L. Roversi: Semantics of lambda calculi designed from intuitionistic linear logic	312
	T. Knuutila: On the inductive inference of regular string and tree languages	
	T. Schwentick: On winning Ehrenfeucht games and monadic NP	318
	T. Suel: Routing and sorting on fixed topologies	322
	T. Verhoeff: A theory of delay-insensitive systems	326
	G. Viehstaedt: A generator for diagram editors	329
	K. Weihe: Routing and flow problems in planar graphs.	332
21.	Moving Around	334
<i>22</i> .	EATCS Leaflet	335
23.	Cartoons	4, 78