

9TH INTERNATIONAL JOINT CONFERENCE ON AUTOMATED REASONING

PART OF [FLOC 2018](#), JULY 14-17, 2018, OXFORD, UK



PC-Chairs Report

Didier Galmiche, Stephan Schulz, Roberto Sebastiani

About IJCAR-2018

- IJCAR is a biennial event and in 2018 it merged:
 - CADE (Conference on Automated Deduction),
 - FroCoS (Symposium on Frontiers of Combining Systems),
 - Tableaux (Conference on Analytic Tableaux and Related Methods)
- Part of FLoC 2018 (9 conferences, > 80 workshops, 1 School)
- IJCAR-2018 Organization
 - Conference chair: Ian Horrocks
 - PC chairs: Didier Galmiche, Stephan Schulz, Roberto Sebastiani
 - 59 PC members (see web page) + 103 external reviewers
 - Workshop chair: Alberto Griggio
 - Publicity chair: Geoff Sutcliffe
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Hosted Events I

- Two invited talks:
 - Erika Abraham
 - Martin Giese
- Two FLoC Keynote/Plenary Lectures:
 - Georges Gonthier
 - Byron Cook
- Herbrand Award:
 - Bruno Buchberger
- Best Paper Award:
 - Benjamin Kiesl, Adrian Rebola-Pardo and Marijn Heule
"Extended Resolution Simulates DRAT"
- Woody Bledsoe Travel Awards

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Hosted events II

- competitive events:
 - CADE ATP System Competition (CASC-J9)
 - SMT Competition (SMT-COMP)
- 11 workshops! [thanks to Workshop Chair, Alberto Griggio]
 - 16th International Workshop on Termination (WST 2018)
 - Vampire 2018: The 5th Vampire Workshop
 - SC²: International Workshop on Satisfiability Checking and Symbolic Computation
 - PRUV'18: Logics for Reasoning about Preferences, Uncertainty, and Vagueness
 - Theorem Prover Components for Educational Software (ThEdu'18)
 - Satisfiability Modulo Theories (SMT'18) Workshop
 - External and Internal Calculi for Non-classical Logics
 - Automated Reasoning in Quantified Non-Classical Logics (ARQNL 2018)
 - Practical Aspects of Automated Reasoning (PAAR-2018)
 - Verification and Deduction Mentoring Workshop [shared with CAV]
 - User Interfaces for Theorem Provers (UITP'17)

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Submission & review process.

- Submissions:
 - 125 abstracts
 - 108 submissions: 92 full + 16 s.d.
 - 46 (44%) accepted: 38 (41%) full + 8 (50%) s.d.
 - ≥ 3 reviewers/paper
 - 115 external reviews from 103 distinct external reviewers
 - no rebuttal phase (no time due to FLoC constraints)

Effort to make the conference inclusive

- very large PC (59 regular + 3 chairs)
- emphasis on inclusive IJCAR scope (e.g., SAT, SMT, SC&SC, DL, FV,...)
- tolerant on submission deadline [overlapping: CAV, SAT, LICS, ITP, IJCAI]

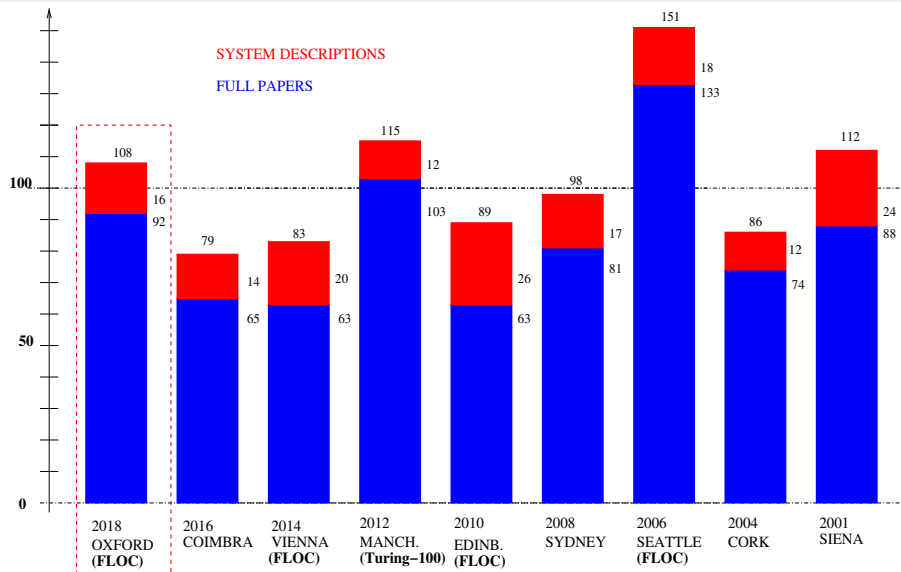
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#Submissions IJCAR 2001-2018



Submission & PC statistics

country	authors	PC members
France	35	9
United States	30	9
Germany	28	7
Austria	26	4
United Kingdom	24	6
China	13	0
Spain	10	1
Italy	9	7
Sweden	9	3
Brazil	8	1
Japan	7	1
Australia	5	3
Netherlands	5	1
Portugal	3	0
(21 other countries)	≤ 2	≤ 1

Attendees

IJCAR+Workshop data (non-final):

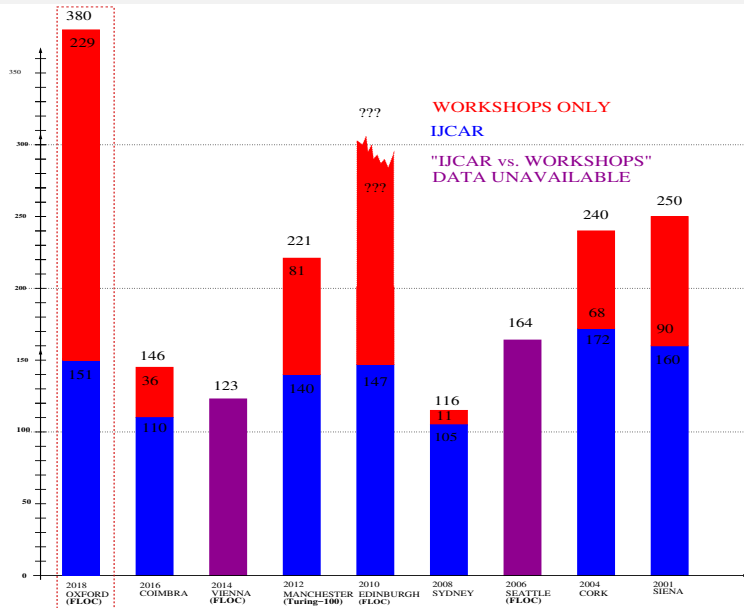
	Day (July)	#attendees	# days
IJCAR	14-17	151	4
SC ²	11	61	1
SMT	12-13	87	2
Vampire	13	12	1
VDMW (shared with CAV)	13	49	1
UITP	13	15	1
WST	18-19	28	2
ThEdu	18	11	1
ARQNL	18	27	1
PRUV	19	19	1
EINC	19	19	1
PAAR	19	21	1
Total (Workshops)		349	
Total (IJCAR+Workshops)		498	

(final) # Attendees (distinct individuals, i.e. $|ijcar \cup \bigcup_i ws_i|$):

151 IJCAR (95 regular + 56 students) + 229 IJCAR-Workshops \ IJCAR = 380

(student volunteers and VDMW attendees not included)

Attendees IJCAR 2001-2018



Thanks to

- The authors
- The invited speakers
- The PC members & the external reviewers
- The organizers of the workshops and of the competitive events.
- The FLoC team
- The sponsors
 - CADE Inc.
 - EurAI (invited speakers)
 - Springer (Best Paper Awards)
- The EasyChair team
- Oxford
- The wonderful weather

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See you in Paris, @ IJCAR 2020!

