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
    - Website (http://ijcar2018.org): Stephan Schulz
    - Local organization: The FLoC team
- Proceedings published by Springer as LNAI/LNCS 10900
- Submission & review process handled via Easychair

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
  - Website (http://ijcar2018.org): Stephan Schulz
  - Local organization: The FLoC team
- Proceedings published by Springer as LNAI/LNCS 10900
- Submission & review process handled via Easychair

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
    - Website (http://ijcar2018.org): Stephan Schulz
    - Local organization: The FLoC team
- Proceedings published by Springer as LNAI/LNCS 10900
- Submission & review process handled via Easychair

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
    - Website (http://ijcar2018.org): Stephan Schulz
    - Local organization: The FLoC team
- Proceedings published by Springer as LNAI/LNCS 10900
- Submission & review process handled via Easychair

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
  - Website (http://ijcar2018.org): Stephan Schulz
  - Local organization: The FLoC team
- Proceedings published by Springer as LNAI/LNCS 10900
- Submission & review process handled via Easychair

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

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

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

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

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

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
  - SC^2: 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
  - User Interfaces for Theorem Provers (UITP'17)

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
  - SC^2: 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
  - User Interfaces for Theorem Provers (UITP'17)

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,...)
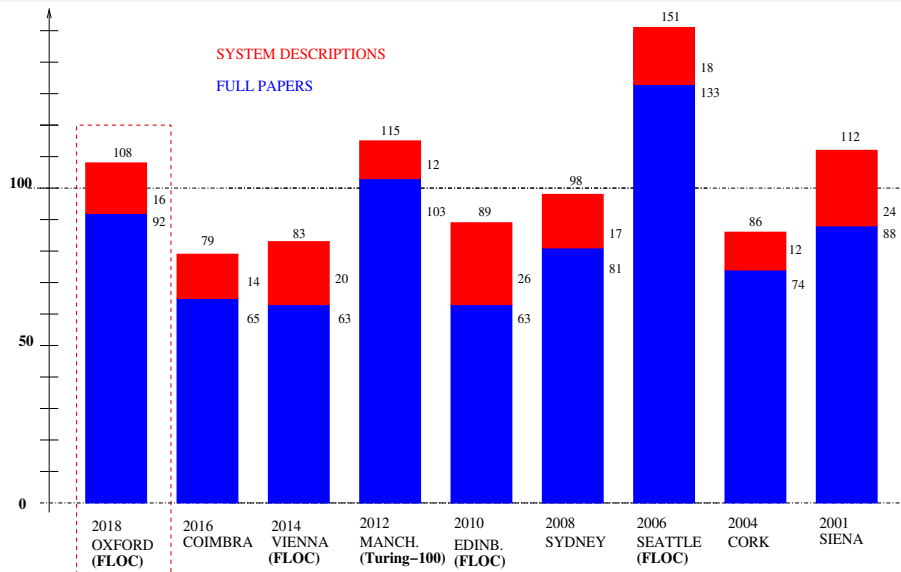- tolerant on submission deadline [overlapping: CAV, SAT, LICS, ITP, IJCAI]

Submission & review process.

- Submissions:
  - 125 abstracts
  - 108 submissions: 92 full + 16 s.d.
  - 46 (44%) accepted: 38 (41%) full + 8 (50%) s.d.
  - $\geq$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]

#Submissions IJCAR 2001-2018

Submission & PC statistics

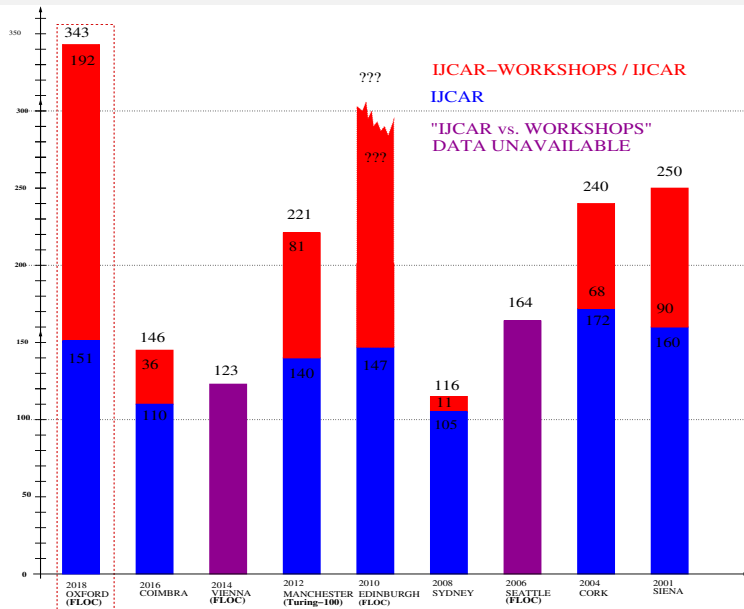| country	authors	PC members
France	35	9
United States	30	9
Germany	28	7
Austria	26	4
United Kingdom	24	6
China	13	0
Spain	10	1
Italy	9	7
Sweden	9	3
Brazil	8	1
Japan	7	1
Australia	5	3
Netherlands	5	1
Portugal	3	0
(21 other countries)	≤ 2	≤ 1

Registered Attendees

	Day (July)	#attendees	# days
IJCAR	14-17	151	4
SC^2	11	61	1
SMT	12-13	87	2
Vampire	13	12	1
VDMW	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	

Registered Attendees (distinct individuals, i.e. $|\text{ijcar} \cup \bigcup_i \text{ws}_i|$):
151 IJCAR (95 regular + 56 students) + $\approx$192 IJCAR-Workshops$\setminus$IJCAR = $\approx$343
(student volunteers 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

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

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

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

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

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

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

EasyChair
The world for scientists

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

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

See you in Paris, @ IJCAR 2020!