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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- 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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### Submission & PC statistics

<table>
<thead>
<tr>
<th>country</th>
<th>authors</th>
<th>PC members</th>
</tr>
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<tr>
<td>France</td>
<td>35</td>
<td>9</td>
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<tr>
<td>United States</td>
<td>30</td>
<td>9</td>
</tr>
<tr>
<td>Germany</td>
<td>28</td>
<td>7</td>
</tr>
<tr>
<td>Austria</td>
<td>26</td>
<td>4</td>
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<tr>
<td>United Kingdom</td>
<td>24</td>
<td>6</td>
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<tr>
<td>China</td>
<td>13</td>
<td>0</td>
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<tr>
<td>Spain</td>
<td>10</td>
<td>1</td>
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<tr>
<td>Italy</td>
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<td>7</td>
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<tr>
<td>Sweden</td>
<td>9</td>
<td>3</td>
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<tr>
<td>Brazil</td>
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<td>1</td>
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<tr>
<td>Japan</td>
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<td>1</td>
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<tr>
<td>Australia</td>
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<td>3</td>
</tr>
<tr>
<td>Netherlands</td>
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<td>1</td>
</tr>
<tr>
<td>Portugal</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>(21 other countries)</td>
<td>≤2</td>
<td>≤1</td>
</tr>
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</table>
# Attendees

IJCAR+Workshop data (non-final):

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<th>Day (July)</th>
<th>#attendees</th>
<th># days</th>
</tr>
</thead>
<tbody>
<tr>
<td>IJCAR</td>
<td>14-17</td>
<td>151</td>
<td>4</td>
</tr>
<tr>
<td>SC²</td>
<td>11</td>
<td>61</td>
<td>1</td>
</tr>
<tr>
<td>SMT</td>
<td>12-13</td>
<td>87</td>
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<td>Vampire</td>
<td>13</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>VDMW (shared with CAV)</td>
<td>13</td>
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<td>1</td>
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<tr>
<td>UITP</td>
<td>13</td>
<td>15</td>
<td>1</td>
</tr>
<tr>
<td>WST</td>
<td>18-19</td>
<td>28</td>
<td>2</td>
</tr>
<tr>
<td>ThEdu</td>
<td>18</td>
<td>11</td>
<td>1</td>
</tr>
<tr>
<td>ARQNL</td>
<td>18</td>
<td>27</td>
<td>1</td>
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<tr>
<td>PRUV</td>
<td>19</td>
<td>19</td>
<td>1</td>
</tr>
<tr>
<td>EINC</td>
<td>19</td>
<td>19</td>
<td>1</td>
</tr>
<tr>
<td>PAAR</td>
<td>19</td>
<td>21</td>
<td>1</td>
</tr>
<tr>
<td>Total (Workshops)</td>
<td></td>
<td>349</td>
<td></td>
</tr>
<tr>
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<td></td>
<td>498</td>
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</tr>
</tbody>
</table>

(final) # Attendees (distinct individuals, i.e. $|\text{ijcar} \cup \bigcup_i \text{ws}_i|$):
151 IJCAR (95 regular + 56 students) + 229 IJCAR-Workshops \ IJCAR = 380
(student volunteers and VDMW attendees not included)
# Attendees IJCAR 2001-2018

![Graph showing attendances over the years]
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!