RTSS 2013
The 34th IEEE Real-Time Systems Symposium
Dec. 3-6, 2013
Vancouver, Canada
Organizers

- General Chair: Chenyang Lu
- Program Chair: Michael González Harbour
- Finance Chair: Tei-Wei Kuo
- Local Arrangements Chair: Sathish Gopalakrishnan
- Technical Committee Chair: Steve Goddard
- Workshops Chair: Nathan Fisher
- Work-in-Progress Chair: Rodolfo Pellizzoni
- Publication Chair: Shinpei Kato
- Web Chair: Harini Ramaprasad
- Publicity Chairs: Harini Ramaprasad, Marko Bertogna, Insik Shin
- Registrar: Linda Buss
- Workshops: RTSS@work, CRTS, AVICPS, WMC, RATE, REACTION
Participation

- Total: 172
- Conference: 153
- Workshops: 89
A few announcements

• **Reception tonight** — 6-8pm
  • Cordova Grand Foyer: together with WiP posters

• **Banquet/awards tomorrow night** — 7-10pm
  • Vancouver Aquarium
    • Buses leave at 6:40pm; 7pm-7:50pm: exploration time
    • Seated for dinner 8:00pm

• **Breakfasts**
  • Served everyday of the event 7:30-8:30am
    • In the Foyer outside the meeting rooms

• **Internet**
  • Included in the group rate everywhere in the hotel
  • Also available in the meeting rooms (passcode: ieee)
RTSS Program Committee: 81 people
Main conference reviewers, 210 people
Main conference authors, 761
Track Chairs

Cyber-Physical Systems
• Alfons Crespo, Technical University of Valencia, Spain

Design and Verification
• Dionisio de Niz, Software Engineering Institute, USA

Wireless Sensor Networks
• Mário Alves, Politécnico do Porto, Portugal

Workshops Chair
• Nathan Fisher, Wayne State University, USA

Work-in-Progress Chair
• Rodolfo Pellizzoni, University of Waterloo, Canada
Workshop chairs

6th Workshop on Compositional Theory and Technology for Real-Time Embedded Systems (CRTS):
- Moris Behnam, Mälardalen University, Sweden
- Giorgio Buttazzo, Scuola Superiore Sant'Anna of Pisa, Italy

4th Analytic Virtual Integration of Cyber-Physical Systems Workshop (AVICPS)
- David Broman. UC Berkeley, USA, and Linköping University, Sweden
- Gabor Karsai. Vanderbilt University, USA

2nd International Workshop on Real-Time and Distributed Computing in Emerging Applications (REACTION)
- Marisol García Valls, Universidad Carlos III de Madrid, Spain
- Tommaso Cucinotta, Bell Laboratories, Alcatel-Lucent, Ireland
Workshop chairs (continued)

1st Workshop on Mixed Criticality (WMC)
• Liliana Cucu-Grosjean, INRIA, Nancy Grand-Est, France
• Rob Davis, University of York, UK

1st Workshop on Real-Time Ethernet (RATE)
• Luis Almeida, University of Porto, Portugal
• Sebastian Fischmeister, University of Waterloo, Canada
Submissions from 26 countries
Review process

160 submissions, 522 reviews, at least 3 reviews per paper

Online discussion

TPC meeting in Paris
- main track and chairs of the other three tracks
- discussed every submission with at least one positive score

Outcome

<table>
<thead>
<tr>
<th>Track</th>
<th>Submitted</th>
<th>Accepted</th>
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<tbody>
<tr>
<td>Main</td>
<td>92</td>
<td>20</td>
</tr>
<tr>
<td>Wireless Sensor Networks</td>
<td>31</td>
<td>7</td>
</tr>
<tr>
<td>Cyber-Physical Systems</td>
<td>22</td>
<td>5</td>
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<tr>
<td>Design &amp; Verification</td>
<td>15</td>
<td>4</td>
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<tr>
<td>Overall</td>
<td>160</td>
<td>36 (22%)</td>
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Welcome to RTSS 2013
2012 IEEE Technical Committee on Real-Time Systems Award for:

Outstanding Technical Achievement and Leadership

Tarek F. Abdelzaher

• Professor and Willett Faculty Scholar
• Department of Computer Science
• University of Illinois at Urbana Champaign

Award speech:

Cyber-physical Systems in Social Spaces:
A Data Reliability Perspective