Symposium on Software Performance
Joint Descartes/Kieker/Palladio Days

Nov 27/28, 2014 @ NovaTec GmbH, Stuttgart/Leinfelden-Echterdingen
Performance is one of the most relevant quality attributes of any IT system. Therefore, the “Symposium on Software Performance” brings together researchers and practitioners interested in all facets of software performance, ranging from modeling and prediction to monitoring and runtime management. The symposium is organized by three already established research groups, namely Descartes, Kieker, and Palladio, who will use this symposium also as a joint developer and community meeting. Descartes’ focus are techniques and tools for engineering self-aware computing interested in all facets of software performance, ranging from modeling and prediction to monitoring and approaches employing Descartes/Kieker/Palladio.
SOSP History

Palladio Days 2010
Karlsruhe

Palladio Days 2011
Karlsruhe

Palladio Days 2012
Paderborn

Kieker Days 2012
Kiel

SOSP 2013
(Kieker/Palladio Days 2013)
Karlsruhe

SOSP 2014
(Descartes/Kieker/Palladio Days 2014)
Stuttgart
60+ Registered Participants from 18 Organizations

- Karlsruhe Institute of Technology (KIT) (14)
- fortiss GmbH (6)
- Heinz Nixdorf Institut Universität Paderborn (4)
- University of Würzburg (3)
- NovaTec Consulting GmbH (2)
- ABB Forschungszentrum (1)
- Dublin City University (1)
- Kassel University (1)
- Uni Paderborn (1)
- University of Stuttgart (12)
- Kiel University (5)
- Capgemini (3)
- FZI Forschungszentrum Informatik (2)
- TU Chemnitz (2)
- Daimler AG (1)
- EDV-Beratung (1)
- SAP SE (1)
- University of Novi Sad, Serbia (1)
Program Elements @ SOSP 2014

- Developer meetings (yesterday)
- 3 Industrial talks
- 16 Technical/research talks
- 6 Tutorials (in parallel tracks)
- ~10 Posters (presented in a dedicated session)
- 13 Papers included in the proceedings

Time slots
- 20+5 minutes for technical talks
- 30+5 minutes for industrial talks
- 30 minutes for tutorials
Proceedings: http://www.performance-symposium.org/proceedings/

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2014
Important Dates
Program
Accepted Contributions
Submission
Venue
Registration
Organization

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SOSP 2014
Proceedings of the Symposium on Software Performance: Joint Descartes/Kieker/Palladio Days

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# Program: Today

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:20</td>
<td>Session 1: Technical Talks</td>
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<tr>
<td>10:35</td>
<td>Coffee Break</td>
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<tr>
<td>11:00</td>
<td>Session 2: Technical Talks</td>
</tr>
<tr>
<td>12:15</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>13:25</td>
<td>Session 3: Industrial Talks</td>
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<tr>
<td>15:10</td>
<td>Coffee Break and Poster Session</td>
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<tr>
<td>15:50</td>
<td>Session 4: Tutorials (in Parallel Tracks)</td>
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<tr>
<td>16:50</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>17:15</td>
<td>Session 5: Technical Talks</td>
</tr>
<tr>
<td>18:30</td>
<td>Closing of Symposium Day 1</td>
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<tr>
<td>19:00</td>
<td>Dinner and Socializing (Location: Wirtshaus zur Schwedenscheuer; Self-Payed)</td>
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Dinner and Socializing, today @ 19:00

- Wirtshaus zur Schwedenscheuer
  (http://www.schwedenscheuer.de/)

- Walking distance from NovaTec (approx. 15 minutes)
- We will leave here at 18:40
- Printouts of the menu available at SOSP registration desk
Program: Tomorrow

Schedule for Today

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Session 6: Technical Talks</td>
</tr>
<tr>
<td>10:15</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>11:00</td>
<td>Session 7: Demos (Parallel) and Technical Talks</td>
</tr>
<tr>
<td>12:00</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>13:25</td>
<td>Session 8: Technical Talks</td>
</tr>
<tr>
<td>14:15</td>
<td>Closing of Symposium</td>
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<tr>
<td>14:30</td>
<td>Open Space</td>
</tr>
<tr>
<td>16:00</td>
<td>End</td>
</tr>
</tbody>
</table>

- Wireless LAN: SSID: XXXX  Password: XXXXXXXX
- Import the SOSP program into your iCal/Google Calendar: [http://www.performance-symposium.org/2014/program/](http://www.performance-symposium.org/2014/program/)
Application Performance Management and Dynamic Software Analysis

- Learn more and download at http://kieker-monitoring.net
Palladio Website – Statistics

http://www.palladio-simulator.com/download
Visits in 2014 so far: 1489

Germany: 37%
USA: 15%
India: 6%
Great Britain: 4%
Canada: 3%
Italy: 4%
Brazil: 2%
France: 2%
Czechia: 2%
China: 1%
Others: 24%
Palladio – Citations

*Journal of Systems and Software* 82.1 (2009) with currently 370 citations on Google Scholar

*Proceedings of the 6th international workshop on Software and performance*. ACM, 2007 with currently 166 citations
Descartes Research Group

Emmy Noether Junior Research Group @ KIT

– July 2009 – Mar 2014
– Funded by the German Research Foundation, EU and Industry

Now at Uni-Würzburg (since April 2014)

Research Areas
– Design of autonomic and self-aware computing systems
– Systems benchmarking, monitoring and experimental analysis
– Data center virtualization and cloud-based services
– Focus on availability, performance, energy-efficiency & security