**FEDERATED EVENTS**

**CBSE 2008**  
The 11th International Symposium on Component Based Software Engineering  
*Chairs: M. Chaudron, C. Szyperski*

**QoSA 2008**  
The Fourth International Conference on the Quality of Software-Architectures - Models and Architecture  
*Chairs: F. Plasil, S. Becker*

**CBHPC 2008**  
The Third Workshop on Component-Based High Performance Computing  
*Chairs: C. Perez, M. Sosonkina*

**SATELLITE WORKSHOP**

**WCOP 2008**  
Workshop on Component-Oriented Programming  
*Chairs: C. Szyperski, W. Weck, R. Reussner*  
Monday, October 13th.

**PANEL**

"Extra-functional contracts versus service level agreements"  
Organizers:  
- Dr. Wolfgang Theilmann (SAP AG)  
- Mircea Trifu (FZI)  
Wednesday, October 15th

**SOFTWARE INDUSTRIAL DAY**  
With contributions of andrena objects, Philips, SAP Research Karlsruhe, and SAP Walldorf  
Wednesday, October 15th

**SOCIAL EVENT**  
Steam train trip into the scenic Black Forest

---

**PROGRAM AT A GLANCE**

<table>
<thead>
<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>WCOP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>QoSA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBHPC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reception</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial Day</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Event</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>13th</td>
<td>14th</td>
<td>15th</td>
<td>16th</td>
<td>17th</td>
</tr>
</tbody>
</table>

---

**KEYNOTES**

**Prof. Dr. Carlo Ghezzi**  
Politecnico di Milano, Italy  
"Rethinking the Use of Models in Software Architecture"

**Dr. Michael Stal**  
Siemens AG, Germany  
"Dealing with Design Erosion – Architecture Refactoring"

**Prof. Philippe Kruchten**  
University of British Columbia, Canada  
"Architecture and Agility – an oxymoron?"

**Prof. Dr. Thomas Dreier**  
Universität Karlsruhe (TH), Germany  
"Components, Architecture and the Law – A Tricky Interplay"

**Prof. Dr. Florian Matthes**  
TU Munich, Germany  
"Visualizing and Managing the Evolution of Socio-Technical Systems of Systems"

---

**TUTORIALS**

**T1:**  
Systematically Designing Component Frameworks  
Dr. Wolfgang Weck  
independent Software-Architect, Switzerland

**T2:**  
Model-based Software Performance Prediction  
Dr. Steffen Becker  
FZI Forschungszentrum Informatik, Germany

**T3:**  
Principles of Service-Oriented Architectures  
Prof. Dr. Gregor Engels  
University of Paderborn, Germany

Program details can be found at [http://comparch2008.ipd.uka.de/](http://comparch2008.ipd.uka.de/)

---
COMPARCH and its federated events are the world’s leading conference on component-based software design and quality of software architectures. It features a joint program on the following aspects on component-based systems and quality of software architectures:

- New component models
- Middleware for CBS
- Analysis of extra-functional properties
- Formal methods
- Architectural design decisions
- Validation & verification
- Methods of development
- Performance
- Tools
- Empirical studies
- Component-based high performance computing

**GENERAL CHAIR**
Ralf Reussner  
Faculty of Informatics, Universität Karlsruhe (TH) / FZI Forschungszentrum Informatik, Germany

**STEERING COMMITTEE**

- Steffen Becker  
  FZI Forschungszentrum Informatik, Germany
- Ivica Crnkovic  
  Real Time Research Centre, Mälardalen University, Sweden
- Ian Gorton  
  Pacific North West National Laboratory, USA
- George Heineman  
  Worcester Polytechnic Institute, USA
- Sven Overhage  
  Universität Augsburg / Oversoft, Germany
- Ralf Reussner  
  Universität Karlsruhe (TH) / FZI, Germany
- Heinz Schmidt  
  RMIT University, Australia
- Judith Stafford  
  Tufts University, United States of America
- Clemens Szyperski  
  Microsoft, USA

**REGISTRATION**
Register online at http://comparch-registration.org/

**CONTACT INFORMATION**
Please send inquiries to: martens@ipd.uka.de

Kindly supported by

1&1  
A Company of Capgemini

The Federated Events on Component-Based Software Engineering and Software Architecture (COMPARCH)

**Call for Participation**

October 14th - 17th, 2008  
Karlsruhe (Germany)

General Chair: **Ralf Reussner**

Events: CBSE  
QoSA  
CBHPC  
Software Industrial Day  
Panels  
WCOP

web: CompArch2008.ipd.uka.de