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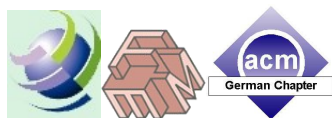
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**Deadlines:**  
Submission: **May 4<sup>th</sup>**  
Acceptance: **June 15<sup>th</sup>**  
Final version: **July 15<sup>th</sup>**  
Early Registration: **Sept. 15<sup>th</sup>**

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# ISoLA 2008

3rd *International Symposium On*  
**Leveraging Applications**  
*of Formal Methods, Verification and Validation*  
**13-16 October 2008 - Porto Sani Resort, Cassandra (Greece)**

<http://www.cs.uni-potsdam.de/isola2008>

**ISoLA** is a forum for developers, users, and researchers to discuss issues related to the adoption and use of rigorous tools for the specification analysis, verification, certification, construction, test, and maintenance of systems from the point of view of their different application domains. To bridge the gap between designers and developers of (formal methods based) rigorous tools, and users in engineering and in other disciplines, it fosters and exploits synergetic relationships among scientists, engineers, software developers, decision makers, and other critical thinkers. In particular, by providing a venue for the discussion of common problems, requirements, algorithms, methodologies, and practices, **ISoLA** aims at supporting researchers in their quest to improve the utility, reliability, flexibility and efficiency of tools for building systems and users in their search of adequate solutions to their problems. Applications and case studies with a conceptual message and experience papers with a clear link to tool construction are all encouraged.

**Special track themes**

- Applications of Formal Approaches to Service-Oriented Computing
- Trustworthy Computing: Theories, Methods, Tools and Experience in China and East Asia
- Introduction of Multi-Core Systems in Automotive Applications
- Non-Functional Requirements in Embedded Systems
- Processes, Methods and Tools for Developing Educational Modules to Support Teaching and Technology Transfer
- Service Engineering in a converging Telecommunications / Web 2.0 World
- Tools and Applications in Industrial Software Quality Control

**Thematic sessions:**

- Tools for Service-oriented Discovery of Knowledge

**Co-located Workshops:**

- **SEW-32**, 32<sup>nd</sup> Software Engineering Workshop, in coop. with NASA and IEEE (pending)
- **jABC Workshop** and **jABC/jETI User Group**

We welcome **Regular contributions**, **Survey papers**, **Student Papers** and **Tool demonstrations** on the

**Use of**

- Deduction and model-checking
- System construction and transformation techniques
- Program analysis
- Compositional and refinement-based methodologies
- Testing and test-case generation
- Techniques for real-time, hybrid and safety-critical systems
- Tool environments and tool architectures

**for Application Areas:**

- Automotive and mechanical engineering,
- Biomechanics, biocomputing, and healthcare
- Electrical engineering, embedded systems, and controllers
- Financial and banking sectors, E-commerce
- Robotic Systems for Space Exploration
- Telecommunications, Internet-based applications, Mobile Computing
- Transportation and aviation
- Transformation & processing-oriented industries
- Interoperability (HW/SW, MEMs, ...) and Integration (legacy systems, ...)

All accepted papers will be published in the Symposiums' Proceedings (Springer Verlag). Selected papers will appear in *Innovations in Systems and Software Engineering: A NASA Journal* (Springer Verlag, London), and in **STTT** (Springer Verlag, Heidelberg).