RADIANCE 2017

**June 26, 2017
Denver, CO, USA**

Co-located with DSN 2017

International Workshop on Recent Advances in the Dependabllity AssessmeNt of Complex systEms

Important Dates
March 22 - Submission deadline
April 18 - Author notification
April 28 – Camera Ready
June 26 - Workshop

Submissions
- *Full papers* (6-8 pages) - original research works or prototype/tool descriptions
- *Short papers* (4 pages) - preliminary research works or position papers

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Critical systems are becoming more and more **complex and heterogeneous**, integrating previously separate systems and including design solutions ranging from the introduction of software **Off The Shelf (OTS)** to the adoption of loosely-integrated and composable services. Innovative dependability assessment solutions and certification processes are thus needed to deal with such complexity, calling for new solutions for the **efficient, automated, and possibly continuous assessment and certification**.

The **RADIANCE** workshop aims to discuss novel **dependability assessment** approaches for **complex systems** and to promote their adoption in **real-world systems** through industrial and academic research. RADIANCE aims to promote and foster discussion on novel ideas, constituting a forum where researchers can share both **real problems and innovative solutions** for the assessment of complex systems.

Topics include, but are not limited to:
- Software Assessment to cope with increasing System Complexity
- Assessment of integrated systems including software OTS and legacy software
- Agile development in critical systems: assessment challenges and approaches
- Natural language requirements for software design and maintenance
- Certification of Complex and integrated Systems
- Dynamic and evolving systems: new needs for verification, validation and certification
- Automated verification and validation of critical systems
- Model-driven approaches for the assessment of dependable and secure systems
- Dependable and secure cloud systems and virtualized environments
- Assessment of micro-services and related applications
- Threats and methodologies for the Internet of Things
- Experimental assessment of dependability and security
- Dependable and Secure Services
- Tools and demos for the assessment of complex systems
- Open issues, practical experiences and real-world case studies

*Accepted papers will be included in a supplemental volume of the DSN conference proceedings **(DSN-W)**, and published by the IEEE Computer Society on **IEEE Xplore**.*

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More info: http://radiance.devasses.eu   **Contact:** radiance@devasses.eu