

Organizers (tbd)

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Goals of the Workshop

With the current tremendous increase of available components and software libraries, the complexity of software engineering is getting towards a new level. At the same time, the hardware diversity and variability increased evenly steep. The selection, adaptation and structured use of the plethora of hardware and software components raise new challenges in the software engineering domain starting from embedded systems up to the large windows systems.

This workshop should bring together international researchers and industrial software developers to exchange the current state in quality control in the highly re-usable software development domain using open source components and commercials of the shelf. The efficient management of components and component libraries as well as the

Scope of the Workshop

Papers are expected to cover (non-restrictively) one or more of the following topics:

- Architectures for the integration of highly diverse components
- Quality control by advanced testing technologies
- Adaptable, Evolvable Software
- Components with Artificial Intelligence
- Experience reports
- Model-Driven Development for the efficient integration of components
- Components in System-of-systems
- Evaluation and Analysis of Software Architectures
- Development Methods, Processes and Tools for complex Systems
- Coupling of Devices and Enterprise Applications

Important Dates :

Full Paper Submission: 2nd September 2018

Acceptance Notification: 17th September 2018

Final Paper Submission: 25th September 2018

Presentation Submission: 20th October 2018

Conference: 1st- 3rd November 2018

- Submission link: <https://edas.info/newPaper.php?c=24576&track=92527>

Program Committee (to be confirmed):

Manal A. Farrag, Prince Sultan University, Saudi Arabia

Stephan Pietsch, TestingTech, Germany

Ghulam Rasool, CIIT Lahore, Pakistan

Felix Beier, Technische Universität Ilmenau

Franz-Felix Füßl

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Arfan Mansoor