Scope
The following constitutes the core list of the topics that form the focal point of the workshop. However, this list should not be considered as closed or technically restrictive for paper submissions. Topics of interest include:

Engineering of self-healing solutions
- self-healing solutions for functional and nonfunctional faults
- architectures for self-healing solutions
- design for self-healing
- model-based approaches to self-healing
- automated debugging techniques

Automatic context management
- Context Definition: metamodeling and modeling, languages, ontologies
- Context Management: monitoring and changes detection
- Mechanism to adapt software systems to context changes
- Mechanisms for automated reasoning on context information
- MDE techniques for the development and QoS validation of context-aware software systems
- Multi-dimensional (QoS) models to support software system adaptation to the context changes

Verification and validation of evolving systems
- challenges in automating v&v for evolving at run-time systems
- types of evolution
- the role of run-time modeling in v&v of evolving systems
- v&v of Service Oriented Architectures
- v&v of Self-* systems
- adaptation of existing v&v techniques to evolving at run-time systems
- relationship between compile-time and run-time adaptation
- reflection of system changes into the original model
- on-line testing of evolving at run-time systems
- monitoring at run-time
- fault tolerance assurance in evolving at run-time systems

All papers have been peer-reviewed by at least three members of the international programme committee, to be assessed in terms of their relevance to the workshop topics, scientific and presentation quality, technical soundness and innovation. These proceedings contain 8 research papers and 3 project papers illustrating the international research effort, both theoretical and practical, to autonomic and run-time evolving systems. The Workshop proceedings will be published by IEEE Digital Library.

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M. Caporuscio, A. Di Marco, L. Mariani, H. Muccini, A. Polini and O. Shehory

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\(^1\) [http://ist-plastic.org](http://ist-plastic.org)
\(^2\) [http://sysrun.haifa.il.ibm.com/shadows](http://sysrun.haifa.il.ibm.com/shadows)
\(^3\) [http://www.q-impress.eu](http://www.q-impress.eu)