



Wien, AU
July 4th
VERYCOMP 2016

Workshop Chairs

- Marco Autili, University of L'Aquila, Italy
marco.autili@univaq.it
- Massimo Tivoli, University of L'Aquila, Italy,
massimo.tivoli@univaq.it
- Luca Ferrucci, ISTI-CNR, Italy,
ferrucci@isti.cnr.it
- Manuel Mazzara, Innopolis University, Russia,
m.mazzara@innopolis.ru
- Davide Bresolin, DISI - University of Bologna, Italy,
davide.bresolin@unibo.it
- Marcello Bersani, DEIB - Politecnico di Milano, Italy,
marcellomaria.bersani@polimi.it
- Marisol Garcia-Valls, Univ. Carlos III de Madrid, Spain
mivals@it.uc3m.es

Program Committee

- Domenico Bianculli, Université du Luxembourg
- Stéphane Demri, NewYork University & CNRS, France
- Silvio Ghilardi, Università degli studi di Milano, Italy
- Nafees Qamar, Vanderbilt University, USA
- David Miguel Ramalho Pereira, Polytechnical School of Porto, Portugal
- Cesar Sanchez, IMDEA Software Institute, Spain
- Vincenzo Ciancia, ISTI-CNR, Italy
- Gwen Salaun, INRIA, Grenoble-Rhone-Alpes, France
- Guglielmo De Angelis, CNR-IASI/ISTI, Italy
- Paola Inverardi, Univ. of L'Aquila, Italy
- Ivica Crnkovic, Malardalen University, Sweden
- Radu Calinescu, Univ. of York, UK
- Schahram Dustdar, Univ. of Technology Wien, Austria
- Luciano Baresi, Politecnico di Milano, Italy
- Mauro Caporuscio, Linnaeus University, Sweden
- Nikolaos Georgantas, INRIA, France
- Salvatore Distefano, Univ. di Messina, Italy
- Victor Rivera, Innopolis University, Russia
- Pascal Poizat, Paris Ouest University and LIP6, France
- Saad Mubeen, Mälardalen University, Sweden
- Hernan Melgratti, Univ. de Buenos Aires, Argentina
- Julio Medina, Universidad de Cantabria, Spain
- Patricia Lago, VU University Amsterdam, Nederland
- Carlo Ghezzi, Politecnico di Milano, Italy
- Antonio Bucchiarone, FBK-IRST, Italy
- Antonio Brogi, Università di Pisa, Italy
- Amel Bennaceur, The Open University, UK
- Carlo Belletini, Università degli studi di Milano, Italy

Web and Publicity Chair

- Alexander Perucci, University of L'Aquila, Italy

Call for Papers

Paper submissions: **April 18, 2016**

Notification of authors: **May 25, 2016**

Camera-ready copies: **June 20, 2016**

List of topics (although not limited to)

- Specification and design of software composition models
- Formal verification and model checking of software integration code
- Service-oriented software composition
- Automated software composition and coordination
- Formal verification of self-adaptive systems
- Model-driven software composition
- Correct-by-construction software composition
- Communication middleware support for service oriented composition
- Formal verification and model checking of multi-agent systems

Nowadays, modern applications are increasingly realized as distributed systems composing existing pieces of software that autonomously cooperates to achieve a common goal. As a matter of fact, this calls for new software composition paradigms, and patterns, modeling and verification methods that are practical and usable on one hand and formal on the other. Despite the great interest in practical Software Composition and Formal Verification in their isolation, no common and integrated approaches have been established yet. VeryComp promotes contributions related to the subject at different levels: from modelling and verification to analysis, from componentization to composition. Foundational contributions as well as concrete application experiments are sought.

VeryComp 2016 welcomes research papers, experience papers and tool presentations; nevertheless, papers describing novel research contributions and innovative applications are of particular interest. Details on workshop goals and themes can be found at:

<http://verycomp2016.disim.univaq.it>

All accepted papers will be published as part of a Springer LNCS Proceedings Volume (Lecture Notes in Computer Science):

<http://www.springer.com/lncs>

Each submitted paper will undergo a formal peer review process by at least 3 PC members. Contributions can be:

Regular papers (maximum 12 pages): In this category fall those contributions which propose novel research contributions, address challenging problems with innovative ideas, or offer practical contributions in the application of FM and SE approaches for building FI applications via software composition. Regular papers should clearly describe the situation or problem tackled, the relevant state of the art, the position or solution suggested and the potential benefits of the contribution.

Short papers (maximum 8 pages): This category includes tool demonstrations, position papers, industrial experiences and case-studies, and visionary papers. Authors of papers reporting industrial experiences are encouraged to make their experimental results available for use by reviewers. Similarly, authors of tool demonstration papers should make their tool available for use by reviewers.

Accepted papers will be included in the Springer LNCS Workshop Post-proceedings. Furthermore, selected participants will be invited to submit an extended version of their papers after the workshop to a Thematic Series of the Springer JISA journal on Verification and Composition for the Internet of Services and Things.