Call for Papers: FormaliSE 2017
5th FME Workshop on Formal Methods in Software Engineering (27th May 2017) co-located with ICSE 2017 (May 20th–May 28th), Buenos Aires, Argentina
http://www.formalise.org/

Introduction
FormaliSE is a yearly workshop on Formal Methods in Software Engineering. FormaliSE is organized by FME (Formal Methods Europe) and is co-located with ICSE (International Conference on Software Engineering). The main goal of the workshop is to foster integration between the formal methods and the software engineering communities. The lack of formalization in key places makes software engineering overly sensitive to the weaknesses that are inevitable in the complex activities behind software creation. This is where formal methods (FMs) have a huge opportunity.

Areas of interest include (but are not limited to):
- Integration of FMs in the software development life cycle
- Ability of FMs to handle real-world problems;
- Scalability of FM applications
- Prescriptive/objective guidance in using FMs
- Performance analysis based on formal approaches
- FMs in a certification context
- “Lightweight” or usable FMs
- Rigorous software engineering approaches and their tool support
- Case studies
- Model-based approaches, including model-driven development
- Formal approaches in the development of cyber-physical systems
- Experimental validation

The program features presentations of submitted papers. Nazareno Aguirre (CONICET and Universidad Nacional de Río Cuarto) will give a keynote presentation. The workshop finishes with a panel discussion.

We invite you to submit:
- Full papers that must describe authors’ original research work and results.
- Case study papers that should identify lessons learned, validate theoretical results (such as scalability of methods), or provide specific motivation for further research and development.
- Research ideas: FormaliSE encourages the submissions of new research ideas in order to stimulate discussions at the workshop.

Papers are limited to 7 pages using ACM Formatting Guidelines see for details: http://www.acm.org/publications/article-templates/proceedings-template.html. Papers must be unpublished original work and should not be under review or submitted elsewhere while being under consideration. PC members will review all submissions. Papers will be judged on the basis of their clarity, relevance, originality, and contribution to the field. Submissions must be in English and in PDF format through online upload to the workshop submission website at the following URL: https://www.easychair.org/conferences/?conf=formalise2017.

All accepted contributions are published as an ICSE 2017 Workshop Proceedings in the ACM and IEEE Digital Libraries. The official publication date of the workshop proceedings is the date the proceedings are made available in the ACM Digital Library. This date may be up to two weeks prior to the first day of ICSE 2017. The official publication date affects the deadline for any patent filings related to published work. Authors of accepted papers are expected to register and present their paper at the Workshop.

Important dates are:
20 January 2017: submission deadline for workshop papers
17 February 2017: notification of acceptance/rejection to authors
27 February 2017: camera-ready copy deadline for workshop paper

OC/PC Chairs are Stefania Gnesi (ISTI-CNR, Italy), Nico Plat (Thanos, Netherlands) and Hernán Melgratti (ICC-UBA-CONICET, Argentina). Our e-mail address is oc@formalise.org. If you plan to submit a paper please inform us in advance.

The Program Committee consists of Gustavo Betarte (Universidad de la República, Uruguay), Andreas Bollin (Klagenfurt University, Austria), Christiano Braga (Universidade Federal Fluminense, Brazil), Ana Cavalcanti (York University, UK), Nancy Day (University of Waterloo, Canada), Ben Di Vito (NASA Langley Research Center, United States), Alessandro Fantechi (University of Florence, Italy), Antonio Filieri (Imperial College, United Kingdom), Jan Friso Groote (Eindhoven University of Technology, The Netherlands), Malte Lochau (Technische Universität Darmstadt, Germany), Nicolas D’Ippolito (Universidad de Buenos Aires, Argentina), Peter Gorm Larsen (Aarhus University, Denmark), Marc Lawford (MacMaster University, Canada), Thierry Lecomte (GlasUniv, France), Yves Ledru (Université Grenoble Alpes, France), Axel Legay (INRIA Rennes, France), Ravirda Metta (TCS, India), Tomohiro Oda (Software Research Associates, Inc., Japan), Liliana Pasquale (University College Dublin & Lero, Ireland), Patrizio Pelliccione (Univ. Göteborg Sweden), Kenneth Pierce (Newcastle University, UK), Sanjai Rayadurgam (University of Minnesota, USA), Matteo Rossi (Politecnico di Milano, Italy), Thomas Santen (Technical University of Berlin, Germany), Antonella Santone (Sannio University, Italy), Laura Semini (Pisa University, Italy), Marjan Sirjani (Reykjavik University, Iceland), Paola Spoletini (Kennesaw StateUniv. USA), Jun Sun (Singapore University, Singapore), and Marcel Verhoef (European Space Agency, The Netherlands).