

The 15th European Conference on Modelling Foundations and Applications (ECMFA)

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We welcome all the participants of the 15th European Conference on Modelling Foundations and Applications (ECMFA 2019), in Eindhoven, The Netherlands.

The European Conference on Modelling Foundations and Applications is a premium venue dedicated for achieving the following two key objectives: 1) advancing state of the art in the area of Model-Based Engineering (MBE); 2) promoting the practical applications of MBE. It is also aimed at engaging exciting and fruitful discussions among researchers and practitioners with the ultimate aim of facilitating the transfer of research results into practice for improving the quality of software. Last but not the least, ECMFA also provide a platform for young researchers and students to receive feedback from the leading researchers and practitioners on their research.

Same as the previous editions, ECMFA 2019 featured two tracks: 1) Foundation Track: This track solicits papers reporting a novel and foundational research in MBE; 2) Applications Track: This track seeks papers reporting the practical applications of MBE including experience reports and industrial applications.

We received 22 submissions for the Foundation track, and 11 papers were accepted, i.e., an acceptance rate of 50%. For the Application track, we received ten submissions for the main track, and four papers were accepted, i.e., an acceptance rate of 40%. This lead to an overall acceptance rate for both tracks of 47%.

In 2019, we decided to bring some novelties, and in particular all the accepted papers are published in platinum open-access as journal articles in the JOT journal¹. This is an important change that turns the accepted papers in journal article, with great visibility thanks to open-access.

We also decided to create a common program with the International Conference on Model Transformation (ICMT), such as all the accepted papers of both conferences have been organized topic-wise within the sessions. The program of ECMFA 2019 also includes two outstanding keynotes given by Prof. Friedrich Steimann and Dr. Ivan Kurtev. Prof. Steimann from the University of Hagen, Germany gives a keynote about *Fatal Abstraction*. Dr. Kurtev from Altran, Eindhoven, The Netherlands gives

¹cf. <http://www.jot.fm>

a keynote on *Engineering of Software Factories for High-tech Industry – Experience and Challenges*.

Last but not least, to strengthen STAF 2019 as an essential modeling meet-up for the community, the program also includes a Research Project Showcase and a newly created Junior Researcher Community Event.

We would like to thank our Communication Chair, Erwan Bousse, for an excellent job in advertising the conference through many channels and keeping the website up to date. We would also like to thank our Program Committee members for their dedication in providing timely reviews of high scientific quality and taking active participation in the discussion. Without their significant efforts, it wasn't possible to produce an exciting proceeding.

We look forward to seeing you in Eindhoven, The Netherlands!

Benoit Combemale
Shaukat Ali
June 14, 2019

Organization

Program co-Chairs:

Benoit Combemale, University of Toulouse, France (Foundation track)
Shaukat Ali, Simula, Norway (Application track)

Communication Chair:

Erwan Bousse, University of Nantes, France

Program Committee:

Anthony Anjorin, Paderborn University
Alessandra Bagnato, Softeam
Francis Bordeleau, Cmind Inc
Erwan Bousse, Université de Nantes / LS2N
Marco Brambilla, Politecnico di Milano
Jean-Michel Bruel, IRIT
Eric Cariou, LIUPPA / Université de Pau
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Federico Ciccozzi, Mälardalen University
Zinovy Diskin, McMaster University / University of Waterloo
Romina Eramo, University of L'Aquila
Michalis Famelis, University of Montreal
Sebastien Gerard, CEA, LIST
Sudipto Ghosh, Colorado State University
Martin Gogolla, Database Systems Group, University of Bremen
Jeff Gray, University of Alabama
Joel Greenyer, Leibniz Universität Hannover
Esther Guerra, Universidad Autónoma of Madrid
Øystein Haugen, Østfold University College and SINTEF
Regina Hebig, Chalmers / Gothenburg University

Jennifer Horkoff, Chalmers and the University of Gothenburg
 Jörg Kienzle, McGill University
 Dimitris Kolovos, University of York
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 Ralf Lämmel, Universität Koblenz-Landau
 Timothy Lethbridge, University of Ottawa
 Brice Morin, SINTEF ICT
 Richard Paige, University of York
 Bernhard Rumpe, RWTH Aachen University
 Davide Di Ruscio, Università degli Studi dell'Aquila
 Houari Sahraoui, University of Montreal
 Markus Schacher, KnowGravity Inc.
 Bran Selic, Malina Software Corp.
 Massimo Tisi, IMT Atlantique / LS2N
 Juha-Pekka Tolvanen, MetaCase
 Javier Troya, University of Seville
 Daniel Varro, McGill University / Budapest University of Technology and Economics
 Andrzej Wařowski, IT University Manuel Wimmer, TU Wien
 Steffen Zschaler, King's College London

Sub-reviewers:

Edouard Batot, University of Montreal, Canada
 Phillipa Bennett, The University of the West Indies, Jamaica
 Alessio Bucaioni, Alessio Bucaioni, Sweden
 Márton Búr, Budapest University of Technology and Economics, Hungary
 Johannes Härtel, University of Koblenz, Landau, Germany
 Marcel Heinz, University of Koblenz, Landau, Germany
 Carlos Hernández Corbato, TU Delft, The Netherlands
 Nico Jansen, RWTH Aachen University, Germany
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 Dorian Leroy, Johannes Kepler University Linz, Austria Sina Madani, The University of York, UK
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 Mahsa Varshosaz, Höskolan i Halmstad, Sweden
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