

Preface

This volume contains the full papers presented at the 2016 MESAS Workshop: Modelling and Simulation for Autonomous Systems, held during June 15–16, 2016, in Rome. The initial idea to launch the MESAS project was introduced by the Concept Development and Experimentation Branch at the NATO Modelling and Simulation Centre of Excellence in 2013, namely, by LTCDR Alessandro Cignoni, who wanted to bring together the Modelling and Simulation and the Autonomous Systems communities and to collect new ideas for concept development and experimentation in this domain. From that time, the event gathers together — in keynote, regular, poster, and way ahead sessions — fully recognized experts from different technical communities in military, academia, and industry. The main topic of the 2016 edition of MESAS was “M&S for Human and Autonomous System Integration and Cooperation.” The community of interest submitted 38 papers for consideration. Each submission was reviewed by three Program Committee members. The committee decided to accept 32 papers to be presented in the four regular streams and in one poster session. Main streams were built upon the following topics: integration, interaction and interfaces, frameworks and architectures, AS principles and algorithms, and UAVs and RPAS operational use. The plenary session and way ahead included an extra four invited presentations. Following a thorough review process after the event, 33 papers were accepted to be included in the proceedings.

August 2016

Jan Hodicky

Modelling and Simulation for Autonomous Systems
Third International Workshop, MESAS 2016, Rome, Italy,
June 15-16, 2016, Revised Selected Papers
Hodicky, J. (Ed.)
2016, XVI, 408 p. 230 illus., Softcover
ISBN: 978-3-319-47604-9