Preface

EUCOMES 2016 is the sixth event in a series that was started in 2006 under the patronage of International Federation for the Promotion of Mechanism and Machine Science (IFToMM). The aim of the conference is to bring together European researchers, industry professionals, and students from the broad range of disciplines referring to mechanism science, in an intimate, collegial, and stimulating environment.

The first edition of EUCOMES was held in February 2006 in Obergurgl (Austria) and has continued subsequently in Cassino (Italy) in September 2008, Cluj-Napoca (Romania) in September 2010, Santander (Spain) in September 2012, and Guimarães (Portugal) in September 2014. The 2016 edition takes place in Nantes, France, from 20 to 23 September 2016.

This book compiles the most recent research results in mechanism science, intended to reinforce and improve mechanical systems in a variety of applications in daily life and industry. It is published under the Machine and Mechanism Science series and addresses issues related to: mechanism design and synthesis, mechanics of robots, mechanism analysis, parallel manipulators, tensegrity mechanisms, cable mechanisms, control issues, history of mechanisms, mechanisms for biomechanics and surgery, and Industrial and nonindustrial applications. This book offers a valuable addition to existing literature.

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We also want to express our gratitude to all the authors for their interest in participating in EUCOMES 2016 and for writing their manuscripts in a timely manner.
We thank all anonymous and volunteer reviewers for their outstanding work, which allowed the authors to get valuable feedback, and the Conference Springer Book to be published as scheduled.

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