RSFF'18: Robust Solutions for Fire Fighting Preface

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Robust Solutions for Fire Fighting (RSFF) is an international workshop intended to be a platform of exchange between researchers and practitioners interested in emergency management, in particular bushfires. The workshop welcomes participation of researchers from the area of algorithms and practitioners both working on emergency management issues in order to meet and exchanging ideas and sharing experiences. The workshop is organized within the Work Package WP3 of the European Project GEOSAFE: Geospatial Based Environment For Optimisation Systems Addressing Fire Emergencies (H2020-MSCA-RISE n. 691161).

The main focus of the workshop is robustness, seen as an approach to simplifying and securing solutions with the aim of making processes less affected by disruptions. Topics of interest for RSFF concern all aspects of Algorithmic and Optimization Theory, Modeling, Programming, Experimental Analysis and Simulation for Emergency Management.

This volume contains papers accepted for presentation at RSFF'18, held in L'Aquila, Italy in July 19-20, 2018, together with a few extended abstracts. Two types of contributions were solicited: regular papers and short communications. The former consisted in full original papers, presenting novel results, not appeared or submitted elsewhere, while the latter encompassed extended abstracts of works to be published elsewhere in a complete form; papers reporting on ongoing researches on which the authors wished to get feedback and possibly intended to be included in future publications; overviews of PhD-theses, research projects, and so on. All the submitted contributions have been reviewed by at least two referees who judged them for originality, quality, correctness and consistency with the topics of the conference. Based on the referees' reports, the Program Committee decided to accept a total of 11 submissions: 8 regular papers and 3 short communications.

The reviewing process was guided by the program committee consisting of:

- Christian Artigues - LAAS-CNRS - FRANCE

- Serafino Cicerone - University of L'Aquila - ITALY

- Marc Demange - RMIT - AUSTRALIA

- Gabriele Di Stefano - University of L'Aquila - ITALY (co-Chair)

- Leszek Gasieniec - University of Liverpool, UNITED KINGDOM

- Cecile Murat - Paris Dauphine University - FRANCE

- Alfredo Navarra - University of Perugia - ITALY (co-Chair)

- Petrica Pop Sitar - Technical University of Cluj-Napoca, ROMANIA

- Pierpaolo Vittorini - University of L'Aquila - ITALY

The organizing committee was:

- Serafino Cicerone - University of L'Aquila - ITALY

- Mattia D'Emidio - University of L'Aquila - ITALY

- Gabriele Di Stefano - University of L'Aquila - ITALY

- Alfredo Navarra - University of Perugia - ITALY

- Pierpaolo Vittorini - University of L'Aquila - ITALY

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