

# Preface

This book includes extended and revised versions of a set of selected papers from SMARTGREENS 2016 (5th International Conference on Smart Cities and Green ICT Systems) and VEHITS 2016 (Second International Conference on Vehicle Technology and Intelligent Transport Systems), held in Rome, Italy, during April 23–25, 2016. SMARTGREENS 2016 received 72 paper submissions from 34 countries, of which 11% are included in this book. VEHITS 2016 received 49 paper submissions from 23 countries, of which 12% are included in this book.

The papers were selected by the event chairs of both events and their selection is based on a number of criteria that include the classifications and comments provided by the Program Committee members, the session chairs' assessment, and also the program chairs' global view of all papers included in the technical program. The authors of selected papers were then invited to submit a revised and extended version of their papers having at least 30% innovative material.

The purpose of the 5th International Conference on Smart Cities and Green ICT Systems (SMARTGREENS) was to bring together researchers, designers, developers, and practitioners interested in the advances and applications in the field of smart cities, green information and communication technologies, sustainability, and energy-aware systems and technologies.

The purpose of the Second International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS) was to bring together engineers, researchers, and practitioners interested in the advances and applications in the field of vehicle technology and intelligent transport systems. This conference focuses on innovative applications, tools, and platforms in all technology areas such as signal processing, wireless communications, informatics, and electronics, related to different kinds of vehicles, including cars, off-road vehicles, trains, ships, underwater vehicles, or flying machines, and the intelligent transportation systems that connect and manage large numbers of vehicles, not only in the context of smart cities but in many other application domains.

The papers selected to be included in this book contribute to the understanding of relevant trends of current research on smart cities, green ICT systems, vehicle technology and intelligent transport systems including: smart grids, monitoring data, Internet of Things, electric vehicles, intelligent transportation systems, transportation planning, and traffic operation.

With the advances of new and innovative technologies, the field of smart and connected cities is expected to grow even further. Topics such as data privacy, Internet of Things, and architecture or business models for smart cities are becoming increasingly important for both researchers and practitioners. At the same time sustainability and energy are two crucial aspects to consider for the advances and applications in the field of vehicle technology and intelligent transport systems as well as smart cities. In the next few years we can expect a range of innovative technologies and research

results for these topics in smart cities and intelligent transportation systems such as energy and vehicle analytics and autonomous and connected vehicles.

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