

Preface

The organization of this International Workshop HeritageBot 2017 on the multi-disciplinary activities for Cultural Heritage is the main dissemination activity of the project HeritageBot that is developed at University of Cassino and South Latium with funding from the Latium Regional Government.

HeritageBot is a research project with multi-disciplinary contents that is finalized to develop a wireless robotic platform equipped with suitable sensors with mobility by locomotion and small flight for monitoring operations and intervention in Cultural Heritage frames. The multi-disciplinary structure of the project is characterized by the synergic activity of four different laboratory unit partners from Architecture, Robotics, Entrepreneurship, and Finance, respectively, and plans for design and research activities with technical and non-technical aspects. The design of the HeritageBot platform is expected to produce innovation that can lead to practical implementations with market challenges thanks to merging engineering issues with entrepreneurship interests for Cultural Heritage needs.

After the review process, 26 papers by authors representing 10 different countries were accepted for publication in the proceedings of HeritageBot 2017. One glance at the table of contents is enough to see that we succeeded in bringing together an interesting group of people with a stimulating variety of subjects as due to the multi-disciplinary needs in modern activities in Cultural Heritage frames. We are very satisfied with this result, and we thank the authors for their valuable contributions and for the efforts in submitting in time the final versions of the papers.

This book is meant for researchers, graduate students, historians, architects, restoration operators, engineers, and all others with an interest in Cultural Heritage frames. We believe that it can inspire and motivate them in developing challenging new systems and strategies for activities in Cultural Heritage frames.

We would like to express our sincere gratitude to the colleagues, who helped us in the review process giving also suitable suggestions to improve the papers with desired visionary views.

We also thank the University of Cassino and South Latium for hosting the conference event.

June 2017

Marco Ceccarelli
Michela Cigola
Giuseppe Recinto

New Activities For Cultural Heritage
Proceedings of the International Conference
Heritagebot 2017

Ceccarelli, M.; Cigola, M.; Recinto, G. (Eds.)

2017, XV, 248 p. 168 illus., Hardcover

ISBN: 978-3-319-67025-6