

# Preface

Welcome to the proceedings of the workshops:

## **1st Workshop on Social Interaction and Multimodal Expression for Socially Intelligent Robots (WS-SIME)**

*Organizers: Christiana Tsiourti, Jorge Dias, Astrid Weiss, Sten Hanke, Julian Angel-Fernandez, Luis Santos*

## **The Barriers of Social Robotics take-up by Society**

*Organizers: Luis Santos, Sten Hanke*

The two workshops were held at the 26th IEEE International Symposium on Robot and Human interactive communication (RO-MAN) held in Lisbon, Portugal on August 28 to September 1, 2017. Together, they combined a wide range of expertise, from different scientific disciplines, and highlighted the value of both theoretical and practical work as necessary components for the development of socially intelligent robots.

The two workshops invited contributions of fundamental nature (e.g., psychophysical studies and empirical research about multimodality, assessment metrics on social robot evaluation and acceptance, design of systems that comply with ethical and legal requirements), technical contributions (e.g., use cases, prototype social robotic systems, empirical HRI studies on multimodal interaction) as well as business case studies for social robots. Position papers and reviews of the state-of-the-art and ongoing research were equally considered. Submitted papers should report novel work that has not been published elsewhere. Each paper was reviewed by three experts in the fields of social robotics and human-robot interaction. Accepted submissions were presented as oral presentations at the workshops.

All submissions as well as reviews have been submitted through the Easy-Chair conference system.

These workshop proceedings contain all submitted and reviewed contributions as well as invited papers presented as keynotes. We look forward for the next workshop editions in the following years. We hope to be able to contribute to ongoing discussions and to foster interdisciplinary collaboration on the presented topics.

January, 2018  
Vienna, Austria

**Sten Hanke**  
**Christina Tsiourti**  
**Luis Santos**

# Organization

## Workshop Organizers

### 1st Workshop on Social Interaction and Multimodal Expression for Socially Intelligent Robots (WS-SIME):

Christiana Tsiourti  
Jorge Dias  
Astrid Weiss  
Sten Hanke  
Julian Angel-Fernandez  
Luis Santos

### The Barriers of Social Robotics take-up by Society

Luis Santos  
Sten Hanke

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