



## **Intelligent Environments: algorithms and applications**

**A Special Track of the  
13<sup>th</sup> International Symposium on Visual Computing (ISVC'18)**

**<http://www.isvc.net>**

**November 19-21, 2018, Las Vegas, Nevada, USA**

### **Scope:**

Intelligent environments could be deployed in numerous applications including outdoor spaces such as concourses, shopping malls, parking spaces, stations and airports, and indoor spaces such as nursing homes, private properties, kindergartens, schools, prisons and more. This special session welcomes any paper that falls within the remit of the analysis of visual information as independent source of information and visual information in combination with other sensorial information (audio, RFID etc).

### **Topics:**

The topics of interest include (but are not limited to) the following areas:

- Background and environment modeling
- Multi-camera analysis of complex scenes, (e.g., heterogeneous cameras)
- Multi-modal visual sensor data fusion
- Motion segmentation and analysis
- Multi-target tracking, context-based target description
- Machine learning methods for scene understanding
- Complex behavior analysis and understanding
- Activity analysis and abnormality detection in crowded scenes
- Human activity understanding and scene analysis from 3D data
- Event annotation, summarization and classification for efficient archiving and retrieval
- Visual analysis and geo-localization
- Strong/Soft biometrics

## Paper Submission Procedure:

Papers submitted to ISVC 2013 Special Track must not have been previously published and must not be currently under consideration for publication elsewhere. Manuscripts should be submitted in camera-ready format and should not exceed **12 pages**, including figures and tables (see <http://www.isvc.net> for details). All papers accepted will appear in the symposium proceedings which will be published by **Springer-Verlag** in the **Lecture Notes in Computer Science (LNCS)** series.



## Important Dates:

<b>Paper Submissions</b>	<b>July 2, 2018</b>
<b>Notification of Acceptance</b>	<b>August 13, 2018</b>
<b>Final Camera Ready Paper</b>	<b>September 17, 2018</b>
<b>Advance Registration</b>	<b>September 17, 2018</b>
<b>ISVC Hotel Reservation</b>	<b>October 19, 2018</b>
<b>ISVC'18</b>	<b>November 19-21, 2018</b>

## Organizers:

**George Bebis**, University of Nevada, Reno, USA

**Mircea Nicolescu**, University of Nevada, Reno, USA

**Tafazzoli Faezeh**, Mercedes-Benz Research and Development, USA