

CALL FOR PAPERS

6TH WORKSHOP ON

SMART OFFICES

AND

OTHER WORKPLACES

SOOW'18

**Workshop is co-located with the conference
Intelligent Environments 2018**

25th – 26th June 2018

Rome
Italy

BRIEF DESCRIPTION

Ambient intelligence approaches and technologies are more and more matured to be able of creating a smart environment that is intelligently helpful to users surrounded by such an environment. Besides a number of well known applications of this concept in various areas, like smart home environment, or smart support to elderly or handicapped people, we may consider it also as being very suitable for intelligent workplaces development.

An intelligent workplace can be, among its other features, also helpful in managing knowledge which can be usefully needed by the users working in the workplace. Such knowledge can be used not only for solving various problems requiring expert knowledge to be properly solved, but also for learning at the workplace when creating decisions or looking for solutions of difficult tasks.

A smart workplace should, among its other features:

- ensure broad but focused (and personalized) access to relevant information and knowledge resources, supporting thus both learning needs of the manager as well as creation of his/her decisions;
- offer as much relief from stress as possible by avoiding all the usual stressful situations (or more precisely their potential sources);
- ensure broad and up to date technical support for all technically based activities in the workplace.

TOPICS

The area of smart offices (and other workplaces of this kind) has naturally its technical point of view, which surely should be covered as one of most important topics of the workshop. However, the workshop aims also to cover much broader but related topics:

- organizational and personal motivations for managers in using smart workplaces;
- ethical aspects of smart offices and workplaces construction and utilization;
- decision support in smart offices;
- multi-agent based architectures for smart offices;
- other formal models for modelling behaviour of smart workplaces;
- specific types and models of smart workplaces for various applications;
- sensing and actuation in smart workplaces;
- learning from observation in smart workplaces;
- ubiquity and distributed nature of smart workplaces;
- communications and security aspects in smart workplaces;
- interaction with the human being in smart workplaces;
- user modelling in smart workplaces;
- large-scale and outdoor applications of AmI approaches;
- and other relevant topics.

IMPORTANT DATES

1 March 2018
5 April 2018
15 April 2018
25-26th June 2018

Full Papers Submission
Author Notification
Paper final submission (with revisions)
Workshop Date

AUTHOR GUIDELINES

Papers must not exceed 12 pages in length, including figures, references and appendices. The suggested length is 10 pages. Papers should be formatted using the IOS Press style instructions and should be submitted using the Microsoft Conference Management Toolkit (<http://cmt.research.microsoft.com/>). All papers accepted in the workshop program will be published in printed form together with the other workshops of the IE'16 Workshops Proceedings will be published by IOS Press and indexed by Thomson Reuters (formerly ISI).

CO-CHAIRS

Peter Mikulecky, University of Hradec Kralove, Czech Republic

Pavel Čech, University of Hradec Kralove, Czech Republic

Goreti Marreiros, Polytechnic of Porto', Institute of Engineering (ISEP), Portugal

PROGRAMME COMMITTEE

Peter Mikulecky, University of Hradec Kralove, Czech Republic - co-chair

Goreti Marreiros, Polytechnic of Porto', Institute of Engineering (ISEP), Portugal - co-chair

Pavel Čech, University of Hradec Kralove, Czech Republic - co-chair

Other Programme Committee members are being invited

WORKSHOP SECRETARIAT

University of Hradec Kralove

Faculty of Informatics and Management

Rokitanskeho 62

500 03 Hradec Kralove

Czech Republic

e-mail: soow@uhk.cz **www:** <http://fim.uhk.cz/soow/>