

CALL FOR PAPERS

7TH WORKSHOP ON

SMART OFFICES

AND

OTHER WORKPLACES

SOOW'2021

**Workshop is co-located with the conference
Intelligent Environments 2021**

21st – 24th June 2021

**Dubai
United Arab Emirates**

BRIEF DESCRIPTION

Ambient intelligence approaches and technologies are more and more matured to enable creation of 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 utilized by the users working in the workplace. Such knowledge can be used not only for solving various problems requiring some 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.

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.

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;
- learning from observation;
- ubiquity and distributed nature of smart workplaces;
- communications and security aspects in smart workplaces;
- interaction with the human being;
- user modelling;
- large-scale and outdoor applications of AmI approaches;
- and a number of other relevant topics.

IMPORTANT DATES

1 March 2021	Full Papers Submission
5 April 2021	Author Notification
15 April 2021	Paper final submission (with revisions)
21-24 June 2021	Workshop Date

COVID 19

The conference organizers are constantly monitoring the evolution of the pandemic. The conference and workshops will adopt the best mode of participation and will not be cancelled. The conference organizers are preparing all the needed facilities to offer the best possible experience to everyone interested.

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

Ana Almeida, Institute of Engineering - Polytechnic of Porto (ISEP/IPP), Portugal
Professor of the Institute of Engineering - Polytechnic of Porto (ISEP/IPP).

Pavel Cech, University of Hradec Kralove, Czech Republic

Assistant Professor at the Department of Information Technologies, Faculty of Informatics and Management, University of Hradec Kralove

Wei Chen, Fudan University, Shanghai, China

Professor, Director of the Center for Intelligent Medical Electronics (CIME), School of Information Science and Technology, Fudan University

Goreti Marreiros, Institute of Engineering - Polytechnic of Porto (ISEP/IPP), Portugal

Professor of the Institute of Engineering - Polytechnic of Porto (ISEP/IPP), Deputy Director of the GECAD (The Knowledge Engineering and Decision Support Research Centre)

Peter Mikulecky, University of Hradec Kralove, Czech Republic

Professor of the Department of Information Technologies, Faculty of Informatics and Management, University of Hradec Kralove

Ivan Vrana, Czech University of Life Sciences, Prague, Czech Republic

Professor at the Department of Information Engineering, Czech University of Life Sciences, Prague.

Other members of the PC 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/>