

## ISAEP 2017

### Special Session on ICT and Smart Applications for Elderly People

at the 9<sup>th</sup> Asian Conference on Intelligent Information and Database Systems (ACIIDS 2017)

Kanazawa, Japan, April 3-5, 2017

Conference website: <http://www.aciids.pwr.edu.pl/>

### Special Session Organizers

Prof. **Petra Poulova** (chair)

Department of Informatics and Quantitative Methods, Faculty of Informatics and Management

University of Hradec Kralove, Czech Republic

E-mail: [petra.poulova@uhk.cz](mailto:petra.poulova@uhk.cz)

Prof. **Ivana Simonova** (vice-chair)

Department of Applied Linguistics, Faculty of Informatics and Management

University of Hradec Kralove, Czech Republic

E-mail: [ivana.smonova@uhk.cz](mailto:ivana.smonova@uhk.cz)

Prof. **Blanka Klimova** (vice-chair)

Department of Applied Linguistics, Faculty of Informatics and Management

University of Hradec Kralove, Czech Republic

E-mail: [blanka.klimova@uhk.cz](mailto:blanka.klimova@uhk.cz)

Prof. **Ctibor Határ** (vice-chair)

Department of Pedagogy, Faculty of Education,

Constantine the Philosopher University, Nitra, Slovak Republic

E-mail: [chatar@ukf.sk](mailto:chatar@ukf.sk)

Prof. **Tiia Rütman** (vice-chair)

Estonian Centre for Engineering Pedagogy, Tallinn University of Technology

Tallinn, Estonia

E-mail: [tija.ruutmann@ttu.ee](mailto:tija.ruutmann@ttu.ee)

### Objectives and topics

At present elderly people seem to be one of the rapidly growing population groups in developed countries. This trend of aging population causes additional problems such as increased costs on the treatment and care for them. Therefore, there is ongoing effort to extend the active age of this group of people in order to enable them to stay economically and socially independent. And latest technological devices and services can assist them in this process.

The ISAEP 2017 Special Session offers an opportunity to gather research scientific works related to innovative approaches, technologies, systems, and outcomes of research and development projects in the developing areas of smart applications for elderly people, applications of smart technology and intelligent systems in care of elderly people and knowledge-based smart society.

The goal of this special session is to bring together researchers from different fields of expertise, leading to better mutual understanding, and to promote interaction in this new and interdisciplinary area. All in all, we want to create an opportunity for the participants to exchange experience in a wide range of topics related to this area.

Topics of interest include:

- Augmented- , virtual- and mixed-reality
- Best practices and case studies
- Conceptual frameworks for intelligent system and smart applications for elderly and handicap people
- Economics of intelligent system and smart applications for elderly and handicap people
- Hardware and software systems, portals and platforms for smart applications for elderly people
- Internet-of-Things (IoT)
- IT and Health care

- Mobile Intelligence
- Mobility, security, access and control in intelligent system and smart applications for elderly and handicap people
- Smart phones and smart devices in care of elderly and handicap people
- Smart technology enhanced care about elderly and handicap people
- Social innovation in care about elderly and handicap people
- Social Networks
- Ubiquitous computing and its applications
- Virtual and Augmented reality tools

Any other topics strongly related to ICT and Smart Applications for Elderly People are also welcome. Please contact directly session chairs to confirm a suitability of your paper topic.

## Important dates

Submission of papers: **31 October 2016 (Hard deadline!!!)**

Notification of acceptance: **1 December 2016**

Camera-ready papers: **15 December 2016**

Registration & payment: **15 December 2016**

Conference date: **3-5 April 2017**

## Program Committee (to be extended) – confirmation in progress

Pavel Doulik, Jan Evangelista Purkyně University, Czech Republic  
 Ľibor Határ, Constantine the Philosopher University, Slovak Republic  
 Blanka Klimova, University of Hradec Kralove, Czech Republic  
 Katerina Kostolanyova, University of Ostrava, Czech Republic  
 Petra Poulouva, University of Hradec Kralove, Czech Republic  
 Tiia Rütümann, Tallinn University of Technology, Estonia  
 Jiri Skoda, Jan Evangelista Purkyně University, Czech Republic  
 Marcela Sokolova, University of Hradec Kralove, Czech Republic  
 Ivana Simonova, University of Hradec Kralove, Czech Republic  
 Darina Tóthová, EUNIS (European University Information Systems) Slovakia, Slovak Republic

## Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: **ISAEP 2017 Special Session on ICT and Smart Applications for Elderly People**.

<https://easychair.org/conferences/?conf=aciids2017>

Authors are invited to submit original previously unpublished research papers written in English, of up to 10 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the ISAEP 2017 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, DBLP, Google Scholar, Scopus, etc.).