

International Conference on Informational System Design and Intelligent Applications (INDIA) - 2018

CALL FOR PAPERS

Special session on:

“Human Computer Interface (HCI) for Active and Assisted Living (AAL)”

Session Chairs:

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Theme of session:

The aim of the session is to provide quality forum to researchers, academicians and practitioners from related backgrounds to share their ideas and outcomes in the area of emerging trends and technologies in man machine interaction, brain computer interface, different possible tools and techniques for the same, recent applications of IoT and cloud in this domain. Human Computer interaction is a field of study focusing on the design of computer technology and, in particular, the interaction between the users and the computers. This includes the study of computer science, cognitive science and human factor engineering. The concept of active and assisted living includes systems using ICT and socio-technical services in daily life and working environment to enable individuals to lead an active and independent life up to old age.

Topics of Interest:

This session invites original research contributions based on the above mentioned theme including following topics but not limited to:

- Unimodal & Multi modal HCI system
- Brain Computer Interface
- Man Machine interaction

- Signal preprocessing
- Artificial Intelligence
- Cognitive state detection & analysis
- Big Data analysis for healthcare
- Wearable devices
- Smart healthcare
- IoT for AAL
- Virtual devices
- Deep Learning
- Ubiquitous computing
- Body Sensor Networks
- Protocol Design for BAN
- Natural language processing
- Machine Learning
- Speech recognition
- Wireless Sensor Networks
- Gesture recognition
- ICT for AAL
- Invasive & non-invasive devices
- Cloud based systems

Special Session Timelines:

Submission Deadline: 30th April 2018

Decision Notification: 30th May 2018

All submissions (in word/pdf format) should be mailed with 'INDIA2018: Human Computer Interface (HCI) for Active and Assisted Living (AAL)' mentioned in the subject line directly at the Session Chair
E-Mail ID: Suchi.nitrkl@gmail.com

Submission Guidelines:

1. Prospective authors are invited to submit original research work that falls within the scope of the session. All submissions will be thoroughly peer-reviewed by experts based on originality, significance and clarity.
2. Only papers presenting novel research results or successful innovative applications will be considered for publication in the conference proceedings.
3. Kindly ensure that your paper is formatted as per Springer AISC Template (not exceeding 8 pages written in A4 size).

Publication:

**All accepted and registered papers will be published in
Springer AISC series.**

Indexing: The books of this series are submitted to EI-Compendex, SCOPUS, and Springerlink

Registration & Other details : Please visit conference webpage <http://www.indiaconf.org/>

