

**Special Session on**  
**Societal use of ICT for better Health and life**  
**in conjunction with**  
**14th International Conference on Innovations in Bio-Inspired Computing and**  
**Applications**  
**December 14-15, 2023**

**Website:** <http://www.mirlabs.org/ibica23>

**Hybrid Mode – Online & Offline**

**Onsite Venues:** <http://mirlabs.org/ibica23/venue2.php>

### **Objectives and Scope**

Special Session on Societal use of ICT for better health and life (SICT4H) aims to be a meeting point for those who research health in a multidisciplinary approach. Social and ICT can improve life quality and communication technologies for helping people stay healthier, more independent and active at work or in their community. SICT4H facilitates the exchange of information and dissemination of best practices, innovation and technical improvements in the fields of age and health care, education, psychology, social coordination and ambient assisted living. From e-Health to intelligent systems, and ICT devices, the conference is a vibrant discussion and collaboration platform for all those that work in research and development and in companies involved in promoting the quality of life and well-being of people, by providing room for research and industrial presentations, demos and project descriptions. Application of IA for health

### **Subtopics**

The topics include, but are not limited to:

- Aging Population – the Facts, Statistics, the Future
- Autonomy and Active Ageing
- Dignity and Equal Opportunities of Senior Citizens
- Socioeconomic and Governance Perspective of Aging
- Health and Healthcare Economics
- Health Geography, Cultural Issues
- Human Communication and Behavioural Studies of Senior Citizens
- Management of Health Services
- Psychological Dimension of Aging Population
- Self-Fulfilment and Social Participation
- Social Exclusion
- Sociocultural Dimension of Aging Population
- Studies of People with Disabilities
- Studies of People with Medical Conditions

- Acceptance of Ambient Technology
- Ambient Technology for Daily Living
- Ambient Technology for Health, Emergency and Care
- Case Studies for Independent Living
- Inclusive Design
- Internet of Things and Smart Devices for Independent Living
- Mobile Systems for Independent Living
- Privacy and Ethical Issues
- Remote Monitoring
- Smart Environments and Housing
- Software and Applications for Independent Living
- Systems Usability
- Wearable Technologies
- Web and Mobile Interaction
- Management of Telemedicine
- Neural Sensory Systems and Rehabilitation
- Systems to Encourage Healthy Lifestyles
- Tele-Rehabilitation
- Sustainable Digital Health Business Models
- Case Studies in eHealth
- Clinical Informatics
- Data and Real-Time Analytics
- Decision Support Systems
- eHealth and Education
- Electronic Health Records
- Emergency and Alerts Handling
- Evidence-Based Medicine
- Health Information Systems
- Home Care Monitoring Systems
- Imaging Science
- Interoperability and System Integration
- Medical Data Science Technologies
- Digital Collaboration Technologies
- Mobile Health Monitoring
- Open Data and Health Information
- Personalised Medicine
- Security and Privacy in eHealth
- Computer Vision and Healthcare Robotics

### **Paper publications**

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (<https://www.springer.com/series/15179>)

- Indexed by SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago
- Paper maximum length is 10 pages
- Papers must be formatted according to Springer format (Latex/word) available at: <https://www.springer.com/de/authors-editors/book-authors-editors/manuscript-preparation/5636#c3324>
- Submission Link: <https://cmt3.research.microsoft.com/IBICA2023>

### **Important Dates**

Paper submission due: **September 30, 2023**

Notification of paper acceptance: **October 31, 2023**

Registration and Final manuscript due: **November 10, 2023**

Conference Date: **December 13-15, 2023**

### **Special Session Chairs**

- **João Carlos Ferreira**, ISCTE-IUL, Portugal
- **Rabindra Bista**, Kathmandu University, Nepal
- **Jens**, Oslo University, Norway

**Information Contact:** João Carlos Ferreira <jcafa@iscte.pt>