ITAP 2026
12TH INTERNATIONAL CONFERENCE ON HUMAN ASPECTS OF IT FOR THE AGED POPULATION

Jointly held under one management and one registration with HCI International 2026

HCI International 2026

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https://2026.hci.international/itap

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The past decades witness two defining global phenomena: 1) the world population is aging at an unprecedented rate; 2) modern societies are deeply infused by information technologies. The aging experience is inevitably shaped by the design, operation, and use of IT systems and services. Whereas many emerging technologies, applications, and services show promising potentials to empower older people to thrive, they can also impose, or amplify, various challenges for older people to participate and benefit from the digital evolution of societies. Including and updating considerations for older people in the design of IT systems and services are of paramount importance to ensure that they can contribute to positive effects on physical, mental, social, and economic well-being of older people.

The International Conference on Human Aspects of IT (ITAP) aims to bring together researchers and practitioners from a broad range of relevant disciplines and domains to exchange 1) research contributions on older people's abilities and competencies, needs and requirements, and attitudes and behavioral patterns in relation to IT use; 2) innovative ideas, practices, and experiences related to the design, operation, and evaluation of IT applications, systems, and services for older people.

The first ITAP Conference was held in 2015, as an integral part of the HCI International Conference series. In 2026, the Conference will arrive its 12th edition. Over these years, ITAP has served as a discussion forum for researchers and practitioners from a variety of relevant domains. We look forward to welcoming researchers and practitioners who conduct research, develop applications and services, or would like to learn from these results to support older people's better use of IT to join this cross-disciplinary colloquium.

The related topics include, but are not limited to:

- Interaction design and evaluation for older adults
    - AI-driven smart services for older adults
    - VR, AR, XR for older adults
    - Natural language interfaces for older adults
    - Aging and ubiquitous computing
- Design methodology involving older adults
    - Human-Centered AI and older adults
    - Methods to involve older adults in HCI design
    - Living labs for technologies for older adults
    - Generational differences in IT use
    - Gerontechnology across cultures and disciplines
    - Aging and privacy considerations
- Physical and mental health of older adults
    - E-Health and telehealth
    - IT supported preventive care and chronic diseases control
    - Technology promoting healthy lifestyle and physical activity
    - Technology promoting cognitive well-being
    - Technology supporting caregivers
- Social connections in older adults
    - Online social interaction and social networking
    - IT-supported intergenerational social interaction

- Technology for civic engagement
- Technology preventing social isolation
- Elder-friendly smart environments
    - Smart home and IoT
    - Accommodations for aging-in-place
    - Surveillance and alert system for older adults
    - Technology for housekeeping and daily life support
- Mobility and transportation for older adults
    - Transportation information systems for older adults
    - Aging and driving safety
    - Navigation aids for older adults
- Quality of life among older adults
    - Older adults' use of social media
    - Accessibility and usability of public information services
    - IT-supported leisure time activities of older adults
    - Life-long learning of older adults
- Social-economic well-being for older adults
    - Acceptance and use of FinTech among older adults
    - Internet fraud and scams against older adults
    - Elder-friendly work environment
    - IT literacy and competency of older adults

Submission deadlines are available at the HCII 2026 website:
https://2026.hci.international/submissions.html

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