International Workshop on
Human-Centered AI and Digital Coaching

Aim and Scope

As populations around the world continue to age, there is an urgent need to develop innovative, inclusive, and effective strategies that support the health, well-being, and independence of older adults. Digital technologies—especially AI-driven systems—hold significant promise in addressing age-related challenges. Among these, digital coaching has emerged as a powerful approach to provide personalized guidance and motivation for healthy aging. However, the successful deployment of such systems requires careful consideration of cultural, social, ethical, and usability factors, particularly when applied across diverse global contexts. Bridging the gap between human support and technological interventions remains a pressing interdisciplinary challenge.

This workshop aims to explore the intersection of human-centered AI, digital coaching, and cultural adaptation in the context of aging societies. It will bring together researchers and practitioners from various disciplines—including human-computer interaction (HCI), AI, psychology, gerontology, and cross-cultural studies—to discuss how to design, implement, and evaluate digital coaching systems that are effective, ethical, and culturally responsive. By fostering cross-cultural and interdisciplinary dialogue, the workshop will identify challenges and opportunities in integrating human and AI-driven support, promote interdisciplinary collaboration, and pave the way for the development of inclusive digital ecosystems that enhance the lives of older adults.

Topics of interest

- Cross-Cultural Perspectives on Digital Health and Aging
- Cultural Adaptation in Digital Coaching Systems
- Human–AI Collaboration in Health and Wellness Coaching
- Ethical, Legal, and Social Implications (ELSI) in AI for Aging
- Interdisciplinary Frameworks for Aging and Technology
- User-Centered Design and Usability for Older Adults
- Personalization and Adaptability in Digital Coaching
- Evaluation and Impact Assessment in Real-World Settings
- Emerging Technologies in Smart Aging Environments
- Scalability and Sustainability for International Collaboration

Submission and Publication

The submitted papers should be 4-6 pages long including figures and references and prepared in IEEE CS Proceedings format. At least one of the authors of the accepted paper is requested to register and present the paper at the conference in hybrid mode (in person or virtually). All accepted papers will be published in an IEEE Computer Society proceedings (IEEE-DL and EI indexed).

Paper Submission Due: **2025-06-27**
Author Notification: **2025-08-11**
Camera-ready Submission Due: **2025-09-12**

Organizer

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