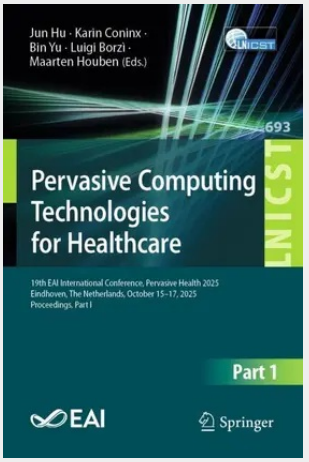
Hu / Coninx / Yu

Pervasive Computing Technologies for Healthcare

19th EAI International Conference, Pervasive Health 2025, Eindhoven, The Netherlands, October 15-17, 2025, Proceedings, Part I

This two-volume set LNICST 693-694 constitutes the refereed proceedings of the19th EAI International Conference on Pervasive Computing Technologies for Healthcare, Pervasive Health 2025, held in Eindhoven, The Netherlands during October 15–17, 2025. The 43 full papers, 10 posters, 6 position papers, and 3 workshop proposals presented in these volumes were carefully reviewed and selected from 140 submissions. They are organized into topical sections as follows: Part I: AI Companions & LLM Driven Behavior Change; Sleep & Physiological Monitoring: IoT, Signals & ML; Mental Health Sensing & Just in Time Support; Aging, Community Care & Assistive Technologies; Physical Activity: Analytics, Decision Support & Engagement; and Designing & Evaluating Digital Health Interventions. Part II: Designing & Evaluating Digital Health Interventions; Design, Requirements & Health Data Representation; Bio-inspired Information and Communications Technologies; Position Papers; Posters & Demos; and Workshop Proposals.

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