



DAPI 2023

11TH INTERNATIONAL CONFERENCE ON DISTRIBUTED, AMBIENT AND PERSVASIVE INTERACTIONS

Jointly held under one management and one registration with HCI International 2023

<http://2023.hci.international/dapi>

HCI International 2023

23-28 July 2023, AC Bella Sky
Hotel and Bella Center,
Copenhagen, Denmark

Chairs

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The 11th International Conference on Distributed, Ambient and Pervasive Interactions (DAPI), an affiliated conference of the HCI International 2023 Conference, provides a forum for interaction and exchanges among researchers, academics, and practitioners in the field of HCI for DAPI environments. One focus of DAPI 2023 is to extend the scope from by now "traditional" configurations of one or several persons interacting with a limited number of smart devices, e.g., in a smart room, by moving towards ubiquitous smart environments like smart cities and smart ecosystems. This implies the contributions of additional disciplines providing more comprehensive perspectives.

The related topics include, but are not limited to:

- Objectives and Design Approaches for DAPI-Environments
 - Design Principles: Values, Goals and Guidelines
 - Ethically Aligned Design of Algorithms and Autonomous Systems
 - Design Trade-offs (e.g., Human Control vs. Automation)
 - Human-/People-/Citizen-Centered Design
 - Human-Centered Artificial Intelligence
 - Humane, Sociable and Cooperative Cities
 - Impact of Ambient Intelligence and IoT on Society
 - Participatory Design
 - Privacy, Security, and Trust in Ambient Intelligence Systems
 - Reconciling Humans and Technology
 - Sensory Emotional Values (Aesthetics)
 - Social Issues in DAPI-Environments
- Information/Interaction/Experience Design for DAPI-Environments
 - Adaptive and Responsive Environments
 - Crowd- and Swarm-based Interaction
 - Embedded and Embodied Interaction
 - Implicit versus Explicit Interaction
 - Interaction Issues in Hybrid Environments
 - Multimodal and Multisensory Interaction
 - Social Interfaces
 - Space-Time Dispersed Interaction
 - Symmetric Interaction in Real and Virtual Worlds
 - Tangible Interaction
 - Urban Interaction
 - User Experience of Privacy and Trust
- Enabling Technologies, Methods, and Platforms for DAPI-Environments
 - Ambient and Pervasive Displays
 - Architectures for Emergent and Collective Ambient Intelligence
 - Combining Multiple Devices and Multiple Users
 - Data Science and Recommendation Systems in Pervasive Environments
 - Evaluation Methods and Techniques, Field Studies, Deployments
 - Human Activity Modelling
 - Indoor vs. Outdoor Tracking
 - Interactive, Smart Materials and Physical Computing
 - Internet of Things (IoT)
 - Machine Learning and Artificial Intelligence in Smart Environments
 - Modelling Context Awareness
 - Sensors and Actuators with their Dependencies
 - Sensor Data: Reliability, Quality, and Combining Multiple Modalities
 - Self-organization in Socially Aware Ambient Systems
 - Smart Ecosystems
 - Spatial and Embodied Smartness
 - Wearable Computing
- Application Areas of DAPI-Environments
 - Affective Computing
 - Ambient Assisted Living (AAL)
 - Ambient and Pervasive Games in Hybrid/Augmented Worlds
 - Civic and Urban Computing
 - Connected Cars and Automated Driving
 - Connected and Hybrid Cities
 - Education and Learning
 - Environmental Sensing
 - Groupware and Multi-User Ambient Environments
 - Healthcare and Well-being
 - Intelligent Support for Life during and after Coronavirus Pandemic
 - Immersive Entertainment Environments
 - Industrial Internet / Industry 4.0
 - IoT and Logistics
 - Lifelogging and Personal Informatics
 - Living Labs, Context Laboratories, and Experiential Landscapes
 - Location-based Smart Services
 - Media Façades and Media Architectures
 - Personal Health and Tele-Monitoring
 - Product Memory, Transparency and Consumer Information
 - Smart Airports
 - Smart Artifacts in Smart Environments
 - Smart Cities
 - Smart Regions and Smart Landscapes
 - Smart Farming
 - Smart Islands
 - Smart Learning Ecosystems
 - Smart Spaces - Public and Transient
 - Smart Tourism
 - Sustainability, Fair Trade, SDGs
 - Urban Media Art

Conference proceedings published by



Submission deadlines are available at the HCII 2023 website:

<http://2023.hci.international/submissions>