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   Disciplina   004

   Soggetti   User interfaces (Computer systems)
                         Computer communication systems
                         Software engineering
                         Application software
                         Multimedia information systems
                         Computers and civilization
                         User Interfaces and Human Computer Interaction
                         Computer Communication Networks
                         Software Engineering
                         Information Systems Applications (incl. Internet)
                         Multimedia Information Systems
                         Computers and Society

   Lingua di pubblicazione   Inglese

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   Nota di contenuto   Track 1. Ubiquitous Computing -- Find a Meeting -- Some Issues on
                         Presentations in Intelligent Environments -- A Reactive QoS Routing
                         Protocol for Ad Hoc Networks -- User Mobility Model in an Active Office
                         -- Multimodal Mobile Robot Control Using Speech Application
                         Language Tags -- Energy Consumption Routing for Mobile Ad Hoc
                         Networks -- Ubiquitous Attentiveness – Enabling Context-Aware
                         Mobile Applications and Services -- Real Time Application Support in
                         an Ambient Network Using Intelligent Mobile Robots -- Track 2.

Context Awareness -- Context Driven Observation of Human Activity -- Interacting in Desktop and Mobile Context: Emotion, Trust, and Task Performance -- Ultrasonic 3D Position Estimation Using a Single Base Station -- Wearable Context Aware Terminal for Maintenance Personnel -- Sensor Fusion for Augmented Reality -- Context Awareness of Everyday Objects in a Household -- Position-Based Interaction for Indoor Ambient Intelligence Environments -- Vision-Based Localization for Mobile Platforms -- Multi-sensor Activity Context Detection for Wearable Computing -- Track 3. Intelligence -- Towards Computer Understanding of Human Interactions -- Experimental Evaluation of Variations in Primary Features Used for Accelerometric Context Recognition -- Lino, the User-Interface Robot -- Indexing and Profiling in a Consumer Movies Catalog Browsing Tool -- An Integrated Framework for Supporting Photo Retrieval Activities in Home Environments -- A Robotic Assistant for Ambient Intelligent Meeting Rooms -- Correlating Sensors and Activities in an Intelligent Environment: A Logistic Regression Approach -- Methods for Online Management of AmI Capabilities Relative to Users' Goals -- Track 4. Natural Interaction -- Interaction Design for the Disappearing Computer -- Natural Language Processing and Multimedia Browsing Concrete and Potential Contributions -- A Physical Selection Paradigm for Ubiquitous Computing -- Users' Preferences for Ubiquitous Computing Applications at Home -- Experiences Managing and Maintaining a Collection of Interactive Office Door Displays -- Applications of Vision-Based Attention-Guided Perceptive Devices to Aware Environments -- Addressing Interpersonal Communication Needs through Ubiquitous Connectivity: Home and Away.

Sommario/riassunto	No symposium of this size can be organized without the help of many dedicated persons. EUSAI was organized by Philips Research in close cooperation with the ITEA Ambience project. Many people were involved in this joint effort and we are greatly indebted to them for their valuable contribution to the organization of EUSAI. Special thanks in this respect go to Ad de Beer for taking care of the local arrangements and to Maurice Groten for guaranteeing the financial budget. EUSAI has succeeded in bringing together a wealth of information on the research progress in ambient intelligence, and we are confident that these proceedings will contribute to the realization of the truly great concept that ambient intelligence provides. Eindhoven, Emile Aarts August 2003 Rene Collier Evert van Loenen Boris de Ruyter Le nouveau poème électronique On the occasion of the 1958 World's Fair in Brussels, Le Corbusier designed for the Philips company a pavilion (see photograph below) that was later referred to as the neglected building by Le Corbusier, since it was dismantled after the fair. In his visually compelling book, Treib [1996] brought this object back to life, and positioned it as an ephemeral structure that exhibited a landmark multimedia production. The nearly two million visitors to the pavilion were exposed to a media show rather than to the typical display of consumer products.