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   Collana   Lecture Notes in Artificial Intelligence ; ; 3554

   Disciplina   003/.3

   Soggetti   Applied mathematics
                      Engineering mathematics
                      Application software
                      Artificial intelligence
                      Mathematical logic
                      Mathematical and Computational Engineering
                      Computer Appl. in Social and Behavioral Sciences
                      Artificial Intelligence
                      Mathematical Logic and Formal Languages
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   Lingua di pubblicazione Inglese

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   Livello bibliografico Monografia

   Note generali   "International and Interdisciplinary Conference on Modeling and Using
                      Context"--Pref.

   Nota di bibliografia Includes bibliographical references and index.

   Nota di contenuto Modelling the Context of Learning Interactions in Intelligent Learning
                      Environments -- Contextual Modals -- Understanding Context Before
                      Using It -- Epistemological Contextualism: A Semantic Perspective --
                      Task-Realization Models in Contextual Graphs -- Context-Dependent
                      and Epistemic Uses of Attention for Perceptual-Demonstrative
                      Identification -- Utilizing Visual Attention for Cross-Modal Coreference
                      Interpretation -- Meaning in Context -- Descriptive Naming of Context
                      Data Providers -- Quotations and the Intrusion of Non-linguistic
                      Communication into Utterances -- Mobile Phone Talk in Context --
                      Unsupervised Clustering of Context Data and Learning User

Requirements for a Mobile Device -- Identification of Textual Contexts -- Investigation of Context Effects in Iterated Prisoner's Dilemma Game -- Context-Aware Configuration: A Study on Improving Cell Phone Awareness -- Context-Aware Adaptation in a Mobile Tour Guide -- Contextual Factors and Adaptive Multimodal Human-Computer Interaction: Multi-level Specification of Emotion and Expressivity in Embodied Conversational Agents -- Modeling Context for Referring in Multimodal Dialogue Systems -- Exploiting Rich Context: An Incremental Approach to Context-Based Web Search -- Context Adaptive Self-configuration System Based on Multi-agent -- Effect of the Task, Visual and Semantic Context on Word Target Detection -- Ontology Facilitated Community Navigation – Who Is Interesting for What I Am Interested in? -- Contextual Information Systems -- Context Building Through Socially-Supported Belief -- A Quantitative Categorization of Phonemic Dialect Features in Context -- Context-Oriented Image Retrieval -- An Approach to Data Fusion for Context Awareness -- Dynamic Computation and Context Effects in the Hybrid Architecture AKIRA -- Goal-Directed Automated Negotiation for Supporting Mobile User Coordination -- In Defense of Contextual Vocabulary Acquisition -- Functional Model of Criminality: Simulation Study -- Minimality and Non-determinism in Multi-context Systems -- 'I' as a Pure Indexical and Metonymy as Language Reduction -- Granularity as a Parameter of Context -- Identifying the Interaction Context in CSCLE -- Operational Decision Support: Context-Based Approach and Technological Framework -- Threat Assessment Technology Development -- Making Contextual Intensional Logic Nonmonotonic -- Modeling Context as Statistical Dependence -- Robust Utilization of Context in Word Sense Disambiguation -- Understanding Actions: Contextual Dimensions and Heuristics -- Applications of a Context-Management System.

| Sommario/riassunto | Context is of crucial importance for research and applications in many disciplines, as evidenced by many workshops, symposia, seminars, and conferences on specific aspects of context. The International and Interdisciplinary Conference on Modeling and Using Context (CONTEXT), the oldest conference series focusing on context, provides a unique interdisciplinary emphasis, bringing together participants from a wide range of disciplines, including artificial intelligence, cognitive science, computer science, linguistics, organizational science, philosophy, psychology, ubiquitous computing, and application areas such as medicine and law, to discuss and report on context-related research and projects. Previous CONTEXT conferences were held in Rio de Janeiro, Brazil (1997), Trento, Italy (1999, LNCS 1688), Dundee, UK (2001, LNCS 2116), and Palo Alto, USA (2003, LNCS 2680). CONTEXT 2005 was held in Paris, France during July 5–8, 2005. There was a strong response to the CONTEXT 2005 Call for Papers, with 120 submissions received. A careful review process assessed all submissions, with each paper first reviewed by the international Program Committee, and then reviewer discussions were initiated as needed to assure that the final decisions carefully considered all aspects of each paper. Reviews of submissions by the Program Chairs were supervised independently and anonymously, to assure fair consideration of all work. Out of the 120 submissions, 23 were selected as full papers for oral presentation, and 20 were selected as full papers for poster presentation. These outstanding papers are presented in this proceedings. |