

1. Record Nr.	UNINA9910254189103321
Titolo	Next Generation Intelligent Environments [[electronic resource]] : Ambient Adaptive Systems // edited by Stefan Ultes, Florian Nothdurft, Tobias Heinroth, Wolfgang Minker
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-23452-8
Edizione	[2nd ed. 2016.]
Descrizione fisica	1 online resource (364 p.)
Disciplina	620
Soggetti	Signal processing Image processing Speech processing systems User interfaces (Computer systems) Electrical engineering Signal, Image and Speech Processing User Interfaces and Human Computer Interaction Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	A Middleware Architecture for Ambient Adaptive Systems -- Adaptive Networking -- Ontology-based knowledge management in NGAIEs -- Privacy & Trust in Ambient Intelligent Environments -- Novel Approaches to Artefact Adaptation in Ambient Intelligent Environments -- User Interaction Adaptation within Ambient Environments -- User-centered Spoken Dialogue Management -- Artificial Intelligence Planning for Ambient Environments -- From scenarios to "free-play": Evaluating the user's experience of ambient technologies in the home.
Sommario/riassunto	This book covers key topics in the field of intelligent ambient adaptive systems. It focuses on the results worked out within the framework of the ATRACO (Adaptive and TRusted Ambient eCOlogies) project. The theoretical background, the developed prototypes, and the evaluated results form a fertile ground useful for the broad intelligent environments scientific community as well as for industrial interest

groups. The new edition provides: Chapter authors comment on their work on ATRACO with final remarks as viewed in retrospective Each chapter has been updated with follow-up work emerging from ATRACO An extensive introduction to state-of-the-art statistical dialog management for intelligent environments Approaches are introduced on how Trust is reflected during the dialog with the system.
