

1. Record Nr.	UNINA9910460339003321
Titolo	Workshop proceedings of the 6th International Conference on Intelligent Environments [[electronic resource] /] / edited by Ramon Lopez-Cozar ... [et al.]
Pubbl/distr/stampa	Amsterdam, : IOS Press, 2010
ISBN	6612956194 1-282-95619-1 9786612956195 1-60750-639-4
Descrizione fisica	1 online resource (308 p.)
Collana	Ambient intelligence and smart environments, , 1875-4163 ; ; v. 8
Altri autori (Persone)	Lopez-CozarRamon
Disciplina	634.928
Soggetti	Ambient intelligence Artificial intelligence Electronic books.
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 and indexes.
Nota di contenuto	Title page; Preface; Contact Details Co-Chairs of Each Workshop; Contents; 1st International Workshop on Human-Centric Interfaces for Ambient Intelligence (HCIAmI'10); 5th International Workshop on Artificial Intelligence Techniques for Ambient Intelligence (AITAmI'10); 1st International Workshop on Creative Science - Science Fiction Prototyping for Research Innovation (CS'10); Subject Index; Author Index
Sommario/riassunto	This book presents the combined proceedings of three workshops which make up part of the 6th International Conference on Intelligent Environments. The remarkable advances in computer sciences throughout the last few decades are already making an impact in our daily lives. This is enabling the provision of intelligent environments; digital environments which proactively support people in their daily lives. This active area of research is attracting an increasing number of professionals worldwide. The first workshop deals with human-centric interfaces for ambient intelligence applications (HCIAmI'

2. Record Nr.	UNINA9910139817503321
Titolo	Exploring the Atmosphere by Remote Sensing Techniques // edited by Rodolfo Guzzi
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2003
ISBN	3-540-36536-2
Edizione	[1st ed. 2003.]
Descrizione fisica	1 online resource (XII, 264 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 607
Disciplina	551.5110287
Soggetti	Geophysics Earth sciences Atmospheric science Lasers Photonics Geophysics/Geodesy Earth Sciences, general Atmospheric Sciences Optics, Lasers, Photonics, Optical Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Global Measurement Networks for Atmospheric Studies -- Atmospheric Observations in the Perspective of Changing Climate and Environment, and the Synergy Between Ground-Based, Airborne and Space-Based Measurements -- A Review of Forward-Modeling Requirements -- Electromagnetic Scattering by Nonspherical Particles -- Modelling Information Content Problems of the Radiative Transfer Theory -- The Earth Radiation -- Analytical Inverse Methods for Aerosol Retrieval -- Studying Atmospheric Aerosol by Lidar -- Remote Sounding of the Stratosphere by the Occultation Method: The ORA Experiment.
Sommario/riassunto	Only satellite-based remote-sensing instruments generate the wealth of global data on the concentrations of atmospheric constituents that are necessary for long-term monitoring of the atmosphere. This set of courses and lectures sponsored by ICTP in Trieste focuses on remote sensing for atmospheric applications and inverse methods to assess

atmospheric components, gases, aerosols and clouds. It addresses primarily graduate students and young researchers in the atmospheric sciences but will be useful for all those wishing to study various techniques for exploring the atmosphere by remote sensing. Contributions span topics such as on IGOS (Integrated Global Observing Strategy), electromagnetic scattering by non-spherical particles, forward-modelling requirements and the information content problem, Earth radiation, and aerosol monitoring by LIDAR.
