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Soggetti	User interfaces (Computer systems) Application software Artificial intelligence Information storage and retrieval Computer communication systems Multimedia information systems User Interfaces and Human Computer Interaction Information Systems Applications (incl. Internet) Artificial Intelligence Information Storage and Retrieval Computer Communication Networks Multimedia Information Systems
Lingua di pubblicazione	Inglese
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Nota di contenuto	IVIS4BigData: A Reference Model for Advanced Visual Interfaces Supporting Big Data Analysis in Virtual Research Environments -- Engineering Study of Tidal Stream Renewable Energy Generation and Visualization: Issues of Process Modelling and Implementation -- Cost effective visualization of research data for cognitive development using mobile Augmented Reality -- Visualizing Next-Generation Sequencing Cancer Data Sets with Cloud Computing -- SenseCare: Towards an Experimental Platform for Home-Based, Visualisation of Emotional

States of People with Dementia -- Toward Interactive Visualization of Results from Domain-Specific Text Analytics -- Towards Synchronizing Data Sources and Information Visualizations in Virtual Research Environments -- Visual analytics and mining over Big Data -- A Meta-design Approach to Support Information Access and Manipulation in Virtual Research Environments.

Sommario/riassunto

This book constitutes the thoroughly refereed post-workshop proceedings of the AVI 2016 Workshop on Road Mapping Infrastructures for Advanced Visual Interfaces Supporting Big Data Applications in Virtual Research Environments, AVI-BDA 2016, held in Bari, Italy, in June 2016. The 10 revised full papers in this volume present the elaborated outcome of the initial position papers capturing the results off the roadmapping discussions in the workshop at which comments of several external reviewers for these full publications were also integrated.
