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Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 9320
Disciplina	620.0042502854
Soggetti	User interfaces (Computer systems) Human-computer interaction Application software Computer-aided engineering Artificial intelligence Computer networks Database management User Interfaces and Human Computer Interaction Computer and Information Systems Applications Computer-Aided Engineering (CAD, CAE) and Design Artificial Intelligence Computer Communication Networks Database Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cooperative team work from psychological features: A Bayesian network approach -- Extending CIAM methodology to support mobile application design and evaluation: a case study in m-Learning -- SCPL: a Social Cooperative Programming Language to automate cooperative processes -- Engineering Data Intensive Applications with Cadral -- Dynamic Content/User Identification in Social Semantic Tagging Systems -- Challenges of Big Data in the age of Building Information

Modeling: A high-level conceptual pipeline -- SMART: Design and Evaluation of a Collaborative Museum Visiting Application -- The Design of Wall Pictures to Relieve the Fatigue of Driving in the Long Tunnel -- Towards an Implementable Aesthetic Measure for Collaborative Architecture Design -- Cooperative Monitoring of the delivery of Fresh Products -- Evaluating a Micro-payment System for Collaborative Electronic Commence -- A Cloud Model for Internet of Things on Logistic Supply Chain -- A Collaborative Requirement Mining Framework to Support OEMs -- An Information Integrated Method and Its Application of Virtual Fac-tory Using BIM -- Global Stiffness and Well-Conditioned Workspace Optimization Analy-sis of 3UPU-UPU Robot Based on Pareto Front Theory -- A Hadoop use case for engineering data -- Crowdsourced Clustering of Computer Generated Floor Plans -- Collective Intelligence Support Protocol: a systemic approach for col-laborative architectural design -- Collaborative Shopping with the Crowd -- G-Form: A New Approach to Regard DeepWeb Form as Galaxy of Concepts -- Helaba: Attracting Attention to a Design Rationale System -- Cooperative operating control for stimulation of simultaneously cultivated bioprocesses -- Application of the Sequence Diagrams in the Design of Distributed Control System -- Cooperative engineering of agent-based process control algorithm -- An on-line Model Verification System for Model-based Control Algorithms -- Co-construction of meaning via a collaborative action research ap-roach -- Sentiment analysis based on collaborative data for polish language -- Inter-discipline Collaboration in Medical Teaching -- Supporting environmental planning: Knowledge management through fuzzy cognitive mapping -- Ranking of Collaborative Research Teams Based on Social Network Analysis and Bibliometrics.- A Solution of Collaboration and Interoperability for Networked Enterprises -- An Automatic Progress Tracking Process from Point Cloud for Industrial Plants Construction -- An Integrated Approach for Progress Tracking in Liquefied Natural Gas Construction -- A Min-cost with delay Scheduling Method for Large Scale Instance Intensive Tasks.

Sommario/riassunto

This book constitutes the refereed proceedings of the 12th International Conference on Cooperative Design, Visualization, and Engineering, CDVE 2015, held in Mallorca, Spain, in September 2015. The 30 full papers presented together with 4 short papers were carefully reviewed and selected from numerous submissions. There is a group of papers dressing the big data related to the cooperative work. It includes the information modeling, intensive task management, how to use the cloud technology to foster the cooperation etc. To deal with the social network issues is the topic of another group of papers in this volume. They range from creating programming languages to automate cooperative processes, social network information visualization, and the ranking cooperative research teams by analyzing the social network data.