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Titolo	Computer Supported Cooperative Work in Design II [[electronic resource]] : 9th International Conference, CSCWD 2005, Coventry, UK, May 24-26, 2005, Revised Selected Papers // edited by Weiming Shen, Kuo-Ming Chao, Zongkai Lin, Jean-Paul A. Barthès, Anne James
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Descrizione fisica	1 online resource (XII, 659 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 3865
Disciplina	620.00420285
Soggetti	Computer-aided engineering User interfaces (Computer systems) Application software Computer communication systems Software engineering Operating systems (Computers) Computer-Aided Engineering (CAD, CAE) and Design User Interfaces and Human Computer Interaction Information Systems Applications (incl. Internet) Computer Communication Networks Software Engineering Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Two volumes of conference proceedings were published with 212 papers. The present book includes 65 articles that are the expanded versions of papers presented at CSCWD 2005"--P. vi.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Creating a Team Building Toolkit for Distributed Teams -- A Model for Interaction Rules to Define Governance Policies in Collaborative Environments -- Perception of Centers of Interest -- Analytic Evaluation of Groupware Design -- DynG: A Protocol-Based Prototype for Non-monolithic Electronic Collaboration -- Towards an Optimistic Management of Concurrency: A Probabilistic Study of the Pilgrim

Protocol -- A Conflict Resolution Methodology in a Large-Scale CSCD System -- The Role of Sketches in Supporting Near-Synchronous Remote Communication in Computer Supported Collaborative Design -- A Dynamic Scalable Video Conference System Based on SIP -- Recommendation as a Mechanism to Induce Participation in Communities of Practice -- Cooperative Template Mechanism for Cooperative Design -- Supporting Social Organization Modelling in Cooperative Work Using Patterns -- Case Study of Breakdown Analysis on Identification of Remote Team Communication Problems -- On-Demand Collaborative Work Environments Based on Grid Technologies for Virtual Projects -- Research and Implementation of E-Government Information Portal Based on Grid Technology -- Global Scheduling in Learning Assessment Grid -- Quality Assignments for WSDL-Based Services -- SWSAIF: A Semantic Application Integration Framework to Support Collaborative Design -- Automated Outsourcing Partnership Management Using Semantic Web Services -- A Collaborated Computing System by Web Services Based P2P Architecture -- Using Web Services to Control Remote Instruments for Online Experiment Systems -- A Web-Service Based Approach for Software Sharing -- A Web Service for Exchanging Procedural CAD Models Between Heterogeneous CAD Systems -- A Solution for Resource Sharing in Manufacturing Grid -- Using Agents to Detect Opportunities for Collaboration -- Carrying on Automatic Service Recommendation by Agents -- Development of an e-Engineering Framework for Automotive Module Design -- Towards a Systematic Conflict Resolution Policy in Multi-agent System: A Conceptual Framework -- Agent-Based Personal Assistance in Collaborative Design Environments -- A Distributed Collaborative Design Framework for Multidisciplinary Design Optimization -- Using a Middleware Agent to Bridge Standalone CAD Systems for Distributed and Collaborative Applications -- Distributed Intelligent Network Management Model for the Large-Scale Computer Network -- Content-Oriented Knowledge Modeling for Automated Parts Library Ontology Merging -- An Ontology-Based Functional Modeling Approach for Multi-agent Distributed Design on the Semantic Web -- A Computational Approach to Stimulating Creativity in Design -- Modelling Framework of a Traceability System to Improve Knowledge Sharing and Collaborative Design -- Recommendation for Team and Virtual Community Formations Based on Competence Mining -- Screen-Sharing Technology for Cooperative CAPP System in a Networked Manufacturing Environment -- Web Based Cooperative Virtual Product Design Environment Shared by Designers and Customers -- Research on Internet-Based System Architecture for Collaborative Product Development -- Distributed Product Design and Manufacturing Based on KBE -- Integration, Management and Communication of Heterogeneous Design Resources with WWW Technologies -- An Effective Approach to Compression and Transmission of Feature-Based Models -- FBD: A Function Block Designer for Distributed and Collaborative Process Planning -- Research on Collaborative Editing Environment for Conceptual Design of 3D Object -- Distributed Cooperative Design of Embedded Systems -- A Study on the an Application Integration Integrated Model Supporting Inter-enterprise Collaborations -- Research on Collaborative Application Portal of Mould and Hard Disk Drive Industry -- Collaborative Design and Manufacture Supported by Multiple Web/Internet Techniques -- An Approach of Virtual Prototyping Modeling in Collaborative Product Design -- Workflow-Centric Distributed Collaboration in Heterogeneous Computing Environments -- Internet-Based E-Learning Workflow Process -- Flexible Workflow

Incorporated with RBAC -- Extending Cova Functionality to Support Business Processes -- Workflow Analysis Based on Fuzzy Temporal Workflow Nets -- Towards a Collaborative Urban Planning Environment -- Collaborative Virtual Learning Model for Web Intelligence -- Solving Consensus Measure of Ambiguous GDM Problems Using Vague Sets -- An Application of Risk Assessment -- Deployment of an Intelligent Dynamic Local Power Dispatch System Using LAN and Wireless Technology -- Study on Unified Metamodeling Framework Based on Down-Up Mechanism -- A Flexible Development Platform Supporting Zero-Time Enterprise Applications -- Process Data Management for the Shortening of the Whole Product Creation Process -- Real-Time Rain Simulation -- Reduce SW/HW Migration Efforts by a RTOS in Multi-FPGA Systems -- An AHP/DEA Methodology for 3PL Vendor Selection in 4PL.

Sommario/riassunto

This book constitutes the thoroughly refereed post-proceedings of the 9th International Conference on Computer Supported Cooperative Work in Design, CSCWD 2005, held in Coventry, UK, in May 2005. The 65 revised full papers presented were carefully reviewed and selected from numerous submissions during at least two rounds of reviewing and improvement. They contain expanded versions of the papers presented at the conference and are organized in topical sections on CSCW techniques and methods, Grids and Web services, agents and multi-agent systems, ontology and knowledge management, collaborative design and manufacturing, enterprise collaboration, workflows, and other related approaches and applications.
