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Autore	Kuo Way
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Sommario/riassunto

"The book analyses the pros and cons of a spectrum of energies, ranging from petroleum, coal, gas to water, solar and wind energies as well as nuclear energy in the wake of the Fukushima nuclear incident in 2011. It maintains that we should look at nuclear energy from a rational point of view instead of being influenced by emotions or politicians' arguments"--

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Titolo

[Libro del alumno! / Aquilino Sanchez Manuel Rios J. A. Matilla

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Titolo	Advances in Grid Computing - EGC 2005 : European Grid Conference, Amsterdam, The Netherlands, February 14-16, 2005, Revised Selected Papers / / edited by P.M.A. Sloot, A.G. Hoekstra, T. Priol, A. Reinefeld, M. Bubak
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Edizione	[1st ed. 2005.]
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Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 3470
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Altri autori (Persone)	SlootPeter <1956->
Disciplina	004/.36
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Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Telemedical Applications and Grid Technology -- Statistical Modeling and Segmentation in Cardiac MRI Using a Grid Computing Approach -- A Grid Molecular Simulator for E-Science -- Application Driven Grid Developments in the OpenMolGRID Project -- ATLAS Data Challenge 2: A Massive Monte Carlo Production on the Grid -- High Throughput Computing for Spatial Information Processing (HIT-SIP) System on Grid Platform -- The University of Virginia Campus Grid: Integrating Grid Technologies with the Campus Information Infrastructure -- M-Grid:

Using Ubiquitous Web Technologies to Create a Computational Grid -- GLIDE: A Grid-Based Light-Weight Infrastructure for Data-Intensive Environments -- HotGrid: Graduated Access to Grid-Based Science Gateways -- Principles of Transactional Grid Deployment -- Experience with the International Testbed in the CrossGrid Project -- eNANOS Grid Resource Broker -- GridARM: Askalon's Grid Resource Management System -- A Super-Peer Model for Building Resource Discovery Services in Grids: Design and Simulation Analysis -- Ontology-Based Grid Index Service for Advanced Resource Discovery and Monitoring -- Grid Service Based Collaboration for VL-e: Requirements, Analysis and Design -- A Fully Decentralized Approach to Grid Service Discovery Using Self-organized Overlay Networks -- Dynamic Parallelization of Grid-Enabled Web Services -- Automatic Composition and Selection of Semantic Web Services -- Grid Application Monitoring and Debugging Using the Mercury Monitoring System -- Interactive Visualization of Grid Monitoring Data on Multiple Client Platforms -- GridBench: A Workbench for Grid Benchmarking -- A Method for Estimating the Execution Time of a Parallel Task on a Grid Node -- Performance of a Parallel Astrophysical N-Body Solver on Pan-European ComputationalGrids -- Introducing Grid Speedup ? : A Scalability Metric for Parallel Applications on the Grid -- A Dynamic Key Infrastructure for Grid -- Experiences of Applying Advanced Grid Authorisation Infrastructures -- Towards a Grid-wide Intrusion Detection System -- International Grid CA Interworking, Peer Review and Policy Management Through the European DataGrid Certification Authority Coordination Group -- Grid Enabled Optimization -- Towards a Coordination Model for Parallel Cooperative P2P Multi-objective Optimization -- A Grid-Oriented Genetic Algorithm -- A Probabilistic Approach for Task and Result Certification of Large-Scale Distributed Applications in Hostile Environments -- A Service Oriented Architecture for Decision Making in Engineering Design -- A Grid Architecture for Comfortable Robot Control -- The Grid-Ireland Deployment Architecture -- UNICORE as Uniform Grid Environment for Life Sciences -- MyGridFTP: A Zero-Deployment GridFTP Client Using the .NET Framework -- On Using Jini and JXTA in Lightweight Grids -- Ticket-Based Grid Services Architecture for Dynamic Virtual Organizations -- Heterogeneity of Computing Nodes for Grid Computing -- Effective Job Management in the Virtual Laboratory -- Workflow Management in the CrossGrid Project -- Workflow-Oriented Collaborative Grid Portals -- Contextualised Workflow Execution in MyGrid -- Real World Workflow Applications in the Askalon Grid Environment -- OpenMolGRID: Using Automated Workflows in GRID Computing Environment -- Implementation of Replication Methods in the Grid Environment -- A Secure Wrapper for OGSA-DAI -- XDTM: The XML Data Type and Mapping for Specifying Datasets -- iGrid, a Novel Grid Information Service -- A Grid-Enabled Digital Library System for Natural Disaster Metadata -- Optimising Parallel Applications on theGrid Using Irregular Array Distributions -- Dynamic Adaptation for Grid Computing -- Improving Multilevel Approach for Optimizing Collective Communications in Computational Grids -- Rough Set Based Computation Times Estimation on Knowledge Grid -- A Behavior Characteristics-Based Reputation Evaluation Method for Grid Entities -- Dynamic Policy Management Framework for Partial Policy Information -- Security Architecture for Open Collaborative Environment -- An Experimental Information Grid Environment for Cultural Heritage Knowledge Sharing -- Implementation of Federated Databases Through Updatable Views -- Data Mining Tools: From Web to Grid Architectures -- Fault-Tolerant Scheduling for Bag-of-Tasks Grid Applications --

The Design and Implementation of the KOALA Co-allocating Grid Scheduler -- A Multi-agent Infrastructure and a Service Level Agreement Negotiation Protocol for Robust Scheduling in Grid Computing -- Towards Quality of Service Support for Grid Workflows -- Transparent Fault Tolerance for Grid Applications -- Learning Automata Based Algorithms for Mapping of a Class of Independent Tasks over Highly Heterogeneous Grids -- Grid Resource Broker Using Application Benchmarking -- The Grid Block Device: Performance in LAN and WAN Environments -- WS-Based Discovery Service for Grid Computing Elements -- Rapid Distribution of Tasks on a Commodity Grid -- Modeling Execution Time of Selected Computation and Communication Kernels on Grids -- Parallel Checkpointing on a Grid-Enabled Java Platform -- Fault Tolerance in the R-GMA Information and Monitoring System -- Deployment of Grid Gateways Using Virtual Machines -- Development of Cactus Driver for CFD Analyses in the Grid Computing Environment -- Striped Replication from Multiple Sites in the Grid Environment -- The Gridkit Distributed Resource Management Framework -- Stochastic Approach for Secondary Storage Data Access Cost Estimation -- A Cluster-Based Dynamic Load Balancing Middleware Protocol for Grids -- Reconfigurable Scientific Applications on GRID Services -- Geographic Information Systems Grid -- Tools for Distributed Development and Deployment on the Grid -- DNS-Based Discovery System in Service Oriented Programming -- Experiences with Deploying Legacy Code Applications as Grid Services Using GEMLCA, -- A Framework for Job Management in the NorduGrid ARC Middleware -- Data Management in Flood Prediction -- Adaptive Task Scheduling in Computational GRID Environments -- Large-Scale Computational Finance Applications on the Open Grid Service Environment -- Localized Communications of Data Parallel Programs on Multi-cluster Grid Systems -- VIRGO: Virtual Hierarchical Overlay Network for Scalable Grid Computing -- A Monitoring Architecture for Control Grids -- Mobile-to-Grid Middleware: Bridging the Gap Between Mobile and Grid Environments -- Role of N1 Technology in the Next Generation Grids Middleware -- Optimizing Grid Application Setup Using Operating System Mobility -- GriddLeS Enhancements and Building Virtual Applications for the GRID with Legacy Components -- Application Oriented Brokering in Medical Imaging: Algorithms and Software Architecture -- A Performance Contract System in a Grid Enabling, Component Based Programming Environment -- A WSRF Based Shopping Cart System -- Grid Access Middleware for Handheld Devices -- An Extendable GRID Application Portal -- A Task Replication and Fair Resource Management Scheme for Fault Tolerant Grids -- CrossGrid Integrated Workflow Management System -- Load Balancing by Changing the Graph Connectivity on Heterogeneous Clusters -- Threat Model for Grid Security Services -- A Loosely Coupled Application Model for Grids -- A Locking Protocol for a Distributed Computing Environment -- Grid-Based SLA Management -- A Heuristic Algorithm for Mapping Parallel Applications on Computational Grids -- A Bypass of Cohen's Impossibility Result -- Mapping Workflows onto Grid Resources Within an SLA Context -- iShare – Open Internet Sharing Built on Peer-to-Peer and Web -- A Service-Based Architecture for Integrating Globus 2 and Globus 3 -- The CampusGrid Test Bed at Forschungszentrum Karlsruhe -- A Model for Flexible Service Use and Secure Resource Management -- Online Performance Monitoring and Analysis of Grid Scientific Workflows -- WebGrid: A New Paradigm for Web System -- Dynamic Failure Management for Parallel Applications on Grids -- A Novel Intrusion Detection Method for Mobile Ad Hoc Networks.
