

1. Record Nr.	UNINA9910140284203321
Autore	Kuo Way
Titolo	Critical reflections on nuclear and renewable energy : environmental protection and safety in the wake of the Fukushima nuclear accident // Way Kuo ; cover design by Russell Richardson
Pubbl/distr/stampa	Salem, Massachusetts ; ; Hoboken, New Jersey : , : Scrivener Publishing : , : John Wiley & Sons, , 2014 ©2014
ISBN	1-118-77345-4 1-118-77349-7 1-118-77374-8
Descrizione fisica	1 online resource (207 p.)
Classificazione	SCI024000
Disciplina	333.7924
Soggetti	Nuclear energy Nuclear energy - Safety measures Fukushima Nuclear Disaster, Japan, 2011 Renewable energy sources Power resources
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: Foreword 1 ix by Arden Bement Foreword 2 xiii by Xu Kuangdi Preface xvii Introduction xxi Part I The World after March 11, 2011 -- Ripple Effect of the Fukushima Accident 1 Reliability and Nuclear Power 3 2 Some Flowers Fall, and Again They Bloom 15 3 Different Responses Across the Waters 21 4 Aging and Reliability 27 5 Transparent Management Guarantees Nuclear Safety 31 6 The Need for Quality Control 39 7 Don't Let Gossip Affect the Safe Operation of Nuclear Power 45 Part II Environmental Protection, Occupational Safety and Innovation -- A Spectrum of Energies 8 A Spectrum of Energy Sources 59 9 Facts about Background Radiation 67 10 Human Negligence of Occupational Safety Leads to Numerous Accidents 73 11 When Will Environmental Pollution End? 81 12 Non-nuclear Calamities Are Also Horrible 93 13 Where Can We Find Safe Energy Sources? 99 14 Pick up Our Share of the Energy Cost 111 15 In

Search of Innovation in Formulating Energy Policy 121 16 Practice  
Makes Great 129 Appendix I 135 Appendix II 149 Postscript 157  
Additional Reading Materials 169 Afterword 171 Index 173 .

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"--

2. Record Nr.

UNISANNIOUBO0070756

Titolo

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

Pubbl/distr/stampa

Madrid, : Sociedad General Espanola de Libreria, 1982

ISBN

8471432331

Descrizione fisica

221 p. : ill. + 2 audiocassette in contenitore

Disciplina

461

Soggetti

Lingua spagnola

Collocazione

LT (AR) 2 B 24301LT (AR) 2 B 244

Lingua di pubblicazione

Spagnolo

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

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3. Record Nr.	UNINA9910483448503321
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
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XXI, 1198 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 3470
Classificazione	54.32
Altri autori (Persone)	SlootPeter <1956->
Disciplina	004/.36
Soggetti	Computer networks Software engineering Computer programming Operating systems (Computers) Algorithms Computer science - Mathematics Discrete mathematics Computer Communication Networks Software Engineering Programming Techniques Operating Systems Discrete Mathematics in Computer Science
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 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 GEMICA, -- 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.

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