

1. Record Nr.	UNINA9910484085303321
Titolo	Distributed Computing, Artificial Intelligence, Bioinformatics, Soft Computing, and Ambient Assisted Living : 10th International Work-Conference on Artificial Neural Networks, IWANN 2009 Workshops, Salamanca, Spain, June 10-12, 2009. Proceedings, Part II // edited by Sigeru Omatu, Miguel P. Rocha, Jose Bravo, Florentino Fdez Riverola, Emilio Corchado, Andrés Bustillo, Juan Manuel Corchado Rodríguez
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-02481-5
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (CIV, 1305 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5518
Altri autori (Persone)	OmatuS. <1946->
Disciplina	005.437 4.019
Soggetti	User interfaces (Computer systems) Human-computer interaction Bioinformatics Pattern recognition systems Artificial intelligence Data mining User Interfaces and Human Computer Interaction Computational and Systems Biology Automated Pattern Recognition Artificial Intelligence Data Mining and Knowledge Discovery
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 index.
Nota di contenuto	Neuro-control and Its Applications to Electric Vehicle Control -- Multi-agent Systems I -- New Algorithms and Applications -- Semantic, Ontologies -- Distributed Systems I -- Multi-agent System II -- Genetic Algorithms -- Real Time and Parallel Systems -- Neural Networks -- Models for Soft Computing, Applications and Advances -- New Intelligent and Distributed Computing Solutions for Manufacturing

Systems -- Development Metodologies of Web Service Systems -- Applications I -- Distributed Systems II -- Data Mining and Data Classification -- Applications II -- Knowledge Discovery, Reasoning, Meta-Learning -- Applications III -- Commnications and Image Processing -- Data/Information Management on Large-Scale Distributed Environments -- Home Care Applications 1 -- Home Care Applications 2 -- Medical Applications -- Adaptable Models -- AI Techniques -- Applied Technologies 1 -- Applied Technologies 2 -- Frameworks and Platforms -- Theoretical Approaches -- Text Mining -- Microarrays -- Cluster -- Pattern Recognition -- Systems Biology -- Bioinformatic Applications -- Phylogenetic -- Proteins -- Soco.1 -- Soco.2 -- Soco.3.

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Sommario/riassunto

This book constitutes the refereed proceedings of the 10th International Work-Conference on Artificial Neural Networks, IWANN 2009, held in Salamanca, Spain in June 2009. The 167 revised full papers presented together with 3 invited lectures were carefully reviewed and selected from over 230 submissions. The papers are organized in thematic sections on theoretical foundations and models; learning and adaptation; self-organizing networks, methods and applications; fuzzy systems; evolutionary computation and genetic algoritms; pattern recognition; formal languages in linguistics; agents and multi-agent on intelligent systems; brain-computer interfaces (bci); multiobjctive optimization; robotics; bioinformatics; biomedical applications; ambient assisted living (aal) and ambient intelligence (ai); other applications.

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2. Record Nr.	UNINA9910483301403321
Titolo	Proceedings of the 21st Congress of the International Ergonomics Association (IEA 2021) : Volume I: Systems and Macroergonomics // edited by Nancy L. Black, W. Patrick Neumann, Ian Noy
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-74602-X
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (852 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 219
Disciplina	005.437
Soggetti	User interfaces (Computer systems) Human-computer interaction Technological innovations Cognitive psychology User Interfaces and Human Computer Interaction Innovation and Technology Management Cognitive Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book presents the proceedings of the 21st Congress of the International Ergonomics Association (IEA 2021), held online on June 13-18, 2021. By highlighting the latest theories and models, as well as cutting-edge technologies and applications, and by combining findings from a range of disciplines including engineering, design, robotics, healthcare, management, computer science, human biology and behavioral science, it provides researchers and practitioners alike with a comprehensive, timely guide on human factors and ergonomics. It also offers an excellent source of innovative ideas to stimulate future discussions and developments aimed at applying knowledge and techniques to optimize system performance, while at the same time promoting the health, safety and wellbeing of individuals. The proceedings include papers from researchers and practitioners, scientists and physicians, institutional leaders, managers and policy

makers that contribute to constructing the Human Factors and Ergonomics approach across a variety of methodologies, domains and productive sectors. This volume includes papers addressing the following topics: Activity Theories for Work Analysis and Design (ATWAD), Organisation design and management (ODAM), Ergonomic Work Analysis and Training (EWAT), Systems HF/E, HF/E Education and Professional Certification Development.

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