1. Record Nr. UNINA9910767506003321

Titolo	Computational Life Sciences II : Second International Symposium, CompLife 2006, Cambridge, UK, September 27-29, 2006, Proceedings / / edited by Michael R. Berthold, Robert Glen, Ingrid B. Fischer
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-45768-2
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XIII, 269 p.)
Collana	Lecture Notes in Bioinformatics, , 2366-6331 ; ; 4216
Altri autori (Persone)	BertholdM (Michael) GlenRobert (Robert Charles) FischerIngrid
Disciplina	572.80285
Soggetti	Life sciences Computer science Information storage and retrieval systems Medical informatics Database management Application software Life Sciences Theory of Computation Information Storage and Retrieval Health Informatics Database Management Computer and Information Systems Applications
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	Genomics -- Improved Robustness in Time Series Analysis of Gene Expression Data by Polynomial Model Based Clustering -- A Hybrid Grid and Its Application to Orthologous Groups Clustering -- Promoter Prediction Using Physico-Chemical Properties of DNA -- Parametric Spectral Analysis of Malaria Gene Expression Time Series Data -- An Efficient Algorithm for Finding Long Conserved Regions Between Genes -- The Reversal Median Problem, Common Intervals, and Mitochondrial

Gene Orders -- Data Mining -- Building Structure-Property Predictive Models Using Data Assimilation -- Set-Oriented Dimension Reduction: Localizing Principal Component Analysis Via Hidden Markov Models -- Relational Subgroup Discovery for Descriptive Analysis of Microarray Data -- Applicability of Loop Recombination in Ciliates Using the Breakpoint Graph -- High-Throughput Identification of Chemistry in Life Science Texts -- Beating the Noise: New Statistical Methods for Detecting Signals in MALDI-TOF Spectra Below Noise Level -- Molecular Simulation -- Dynamic Complexity of Chaotic Transitions in High-Dimensional Classical Dynamics: Leu-Enkephalin Folding -- Solvent Effects and Conformational Stability of a Tripeptide -- Grid Assisted Ensemble Molecular Dynamics Simulations of HIV-1 Proteases Reveal Novel Conformations of the Inhibitor Saquinavir -- Molecular Informatics -- A Structure-Based Analysis of Single Molecule Force Spectroscopy (SMFS) Data for Bacteriorhodopsin and Four Mutants -- Classifying the World Anti-Doping Agency's 2005 Prohibited List Using the Chemistry Development Kit Fingerprint -- A Point-Matching Based Algorithm for 3D Surface Alignment of Drug-Sized Molecules -- Systems Biology -- Adaptive Approach for Modelling Variability in Pharmacokinetics -- A New Approach to Flux Coupling Analysis of MetabolicNetworks -- Biological Networks / Metabolism -- Software Supported Modelling in Pharmacokinetics -- On the Interpretation of High Throughput MS Based Metabolomics Fingerprints with Random Forest -- Construction of Correlation Networks with Explicit Time-Slices Using Time-Lagged, Variable Interval Standard and Partial Correlation Coefficients -- Computational Neuroscience -- The Language of Cortical Dynamics -- A Simple Method to Simultaneously Track the Numbers of Expressed Channel Proteins in a Neuron.

Sommario/riassunto

This book constitutes the refereed proceedings of the Second International Symposium on Computational Life Sciences, CompLife 2006. The 25 revised full papers presented were carefully reviewed and selected from 56 initial submissions. The papers are organized in topical sections on genomics, data mining, molecular simulation, molecular informatics, systems biology, biological networks/metabolism, and computational neuroscience.

2. Record Nr. UNINA9910983311403321

Autore	Saeki Motoshi
Titolo	Advances in Conceptual Modeling : ER 2024 Workshops, AISA, CMLS, EmpER, QUAMES, JUSMOD, LLM4Modeling, Pittsburgh, PA, USA, October 28–31, 2024, Proceedings / / edited by Motoshi Saeki, Leah Wong, João Araujo, Clara Ayora, Anna Bernasconi, Matteo Buffa, Silvana Castano, Peter Fettke, Hans-Georg Fill, Alberto García S., Miguel Goulão, Cristine Griffo, Jin-Taek Jung, Julius Köpke, Beatriz Marín, Stefano Montanelli, Edelweis Rohrer, José F. Reyes Román
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031755996 3031755995
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (391 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14932
Altri autori (Persone)	WongLeah AraujoJoao AyoraClara BernasconiAnna BuffaMatteo CastanoSilvana FettkePeter FillHans-Georg García SAlberto
Disciplina	005.1
Soggetti	Software engineering Application software Data structures (Computer science) Information theory Artificial intelligence Computer networks Information technology - Management Software Engineering Computer and Information Systems Applications Data Structures and Information Theory Artificial Intelligence Computer Communication Networks Computer Application in Administrative Data Processing
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	AISA -- The First International Workshop on AI Services and Applications -- Empirical case study of AI Service and Application for people with disabilities -- A Methodological Framework for Designing Human Centered Artificial Intelligence Services -- Beyond One Fits All A Case Study Approach to AI System Design Methods -- GRASPER Leveraging Knowledge Graphs for Predictive Supply Chain Analytics -- An MLOps Framework to Data Driven Modelling of Digital Twins with an Application to Virtual Test Rigs -- Empirical Study on the Use of Artificial General Intelligence Healthcare in the Elderly -- Effects of Perceived Ease of Use and Perceived Usefulness of Technology Acceptance Model on Intention to Continue Using Generative AI Focusing on the Mediating Effect of Satisfaction and Moderating Effect of Innovation Resistance -- Conceptual Modeling for Public AI Systems -- Self-Explanatory Retrieval Augmented Generation for SDG Evidence Identification -- CMLS -- International Workshop on Conceptual Modeling for Life Sciences CMLS -- On the Expressiveness of Petri Nets for Modeling Biological Processes the Case for mRNA Translation and Protein Synthesis -- Enhancing Vaxign DL for Vaccine Candidate Prediction with added ESM Generated Features -- Conceptual Modeling for Polygenic Risk Score Research Improving Domain Understanding and Clinical Utility -- Integrative Ontology of Bipolar Disorder OBD Advancing Bipolar Disorder Research through an Interoperable Ontological Framework -- EmpER -- 7th International Workshop on Empirical Methods in Conceptual Modeling EmpER'24 -- How Does UML Look and Sound Using AI to Interpret UML Diagrams through Multimodal Evidence -- Can Large Language Models Learn Conceptual Modeling by Looking at Slide Decks and Pass Graduate Examinations An Empirical Study -- Evaluating a Framework of Conceptual Modelling Research -- Extending Goal Models with Execution Orders An Investigation of the Impact on Comprehensibility -- QUAMES -- 5th International Workshop on Quality and Measurement of Model-Driven Software Development QUAMES 2024 -- Towards leveraging gamified code testing for effective model validation -- JUSMOD -- 3rd International Workshop on Digital JUStice digital law and conceptual MODeling JUSMOD24 -- Resignifying Compliance between Ontologies and Epistemologies of Law -- Modelling Legal Enforcement with UFOL a Case from Swedish Healthcare -- The eu FAIRnews A Preliminary Exploration of Bridging Disinformation and Digital Justice through FAIR Data Practices in Online News Sources -- Safety Assurances in Autonomous Vessels -- LLM4Modeling -- 2nd Workshop "Modeling in the Age of Large Language Models" LLM4Modeling -- An LLM Assistant for Characterizing Conceptual Modeling Research Contributions -- AI Assisted Analytics An Automated Approach to Data Visualization -- Combining Natural Language Generation and Graph Algorithms to Explain Causal Maps through Meaningful Paragraphs.
Sommario/riassunto	This book constitutes the refereed proceedings of the workshops held at the 43rd International Conference on Conceptual Modeling, ER 2024, which took place in Pittsburgh, PA, USA, during October 28-31, 2024. The 22 full papers and 1 short paper included in this book were carefully reviewed and selected from 52 submissions. They stem from the following workshops: AISA'2024 - The First International Workshop on AI Services and Applications CMLS2024 - The 5th International

Workshop on Conceptual Modeling for Life Sciences EmpER'24 -7th International Workshop on Empirical Methods in Conceptual Modeling QUAMES 2024 - 5th International Workshop on Quality and Measurement of Model-Driven Software Development JUSMOD24 - 3rd International Workshop on Digital JUStice, Digital Law and Conceptual MODeling LLM4Modeling - 2nd Workshop on Modeling in the Age of Large Language Models.