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Titolo	Advanced Information Networking and Applications : Proceedings of the 39th International Conference on Advanced Information Networking and Applications (AINA-2025), Volume 6 // edited by Leonard Barolli
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Collana	Lecture Notes on Data Engineering and Communications Technologies, , 2367-4520 ; ; 250
Disciplina	620.00285
Soggetti	Engineering - Data processing Computational intelligence Artificial intelligence Data Engineering Computational Intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Towards a Lightful Deep Learning-Based IDS for Automotive Networks (With a Focus On CAN) -- Annotated Dataset Creation for Fake News Detection on Online Social Networks -- An Optimized Bounding Box Technique for Enhanced Underwater Fish Detection -- Explainable Reinforcement Learning for Assisting Air Traffic Controllers -- Towards a Business Process Driven Deployment and Decomposition of a Distributed Jurisdictional Information Management System on Cloud Continuum -- Federated Learning Algorithm for Identification of Apnea Sleeping Disorder -- Federated Learning Framework for Privacy-Preserving AI in Healthcare -- Automation and Visualization of Knowledge in Cloud Services: A Semantic Ontology Enhanced by Generative AI Models -- Strategies for Flow-Based Deployment and Orchestration in Cloud-Edge Interactive Computing.
Sommario/riassunto	Networks of today are going through a rapid evolution and there are many emerging areas of information networking and their applications.

Heterogeneous networking supported by recent technological advances in low power wireless communications along with silicon integration of various functionalities such as sensing, communications, intelligence and actuations are emerging as a critically important disruptive computer class based on a new platform, networking structure and interface that enable novel, low-cost and high-volume applications. Several of such applications have been difficult to realize because of many interconnection problems. To fulfill their large range of applications different kinds of networks need to collaborate and wired and next generation wireless systems should be integrated in order to develop high performance computing solutions to problems arising from the complexities of these networks. This volume covers the theory, design and applications of computer networks, distributed computing and information systems. The aim of the volume "Advanced Information Networking and Applications" is to provide latest research findings, innovative research results, methods and development techniques from both theoretical and practical perspectives related to the emerging areas of information networking and applications.

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Autore

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Titolo

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Natural Language Processing for Software Engineering

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Disciplina

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Soggetti

Natural language processing (Computer science)

Lingua di pubblicazione	Inglese
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Sommario/riassunto	<p>Discover how Natural Language Processing for Software Engineering can transform your understanding of agile development, equipping you with essential tools and insights to enhance software quality and responsiveness in today's rapidly changing technological landscape. Agile development enhances business responsiveness through continuous software delivery, emphasizing iterative methodologies that produce incremental, usable software. Working software is the main measure of progress, and ongoing customer collaboration is essential. Approaches like Scrum, eXtreme Programming (XP), and Crystal share these principles but differ in focus: Scrum reduces documentation, XP improves software quality and adaptability to changing requirements, and Crystal emphasizes people and interactions while retaining key artifacts. Modifying software systems designed with Object-Oriented Analysis and Design can be costly and time-consuming in rapidly changing environments requiring frequent updates. This book explores how natural language processing can enhance agile methodologies, particularly in requirements engineering. It introduces tools that help developers create, organize, and update documentation throughout the agile project process.</p>