

1. Record Nr.	UNINA9910702360303321
Autore	Brouwer Randall Jay
Titolo	Experiences with serial and parallel algorithms for channel routing using simulated annealing [[electronic resource] /] / by Randall Jay Brouwer
Pubbl/distr/stampa	Hampton, Va. : , : NASA Langley Research Center, , [1988]
Descrizione fisica	1 online resource (ix, 48 pages) : illustrations
Collana	NASA contractor report ; ; NASA-CR-182530
Soggetti	Algorithms Annealing Channels (data transmission) Hypercube multiprocessors Optimization Parallel programming Simulated annealing Superconducting devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Nov. 30, 2012). "February 1988."
Nota di bibliografia	Includes bibliographical references (pages 47-48).

2. Record Nr.	UNISA996503563103316
Titolo	Advances in service-oriented and cloud computing : International Workshops of ESOC 2022, Wittenberg, Germany, March 22-24, 2022, revised selected papers // edited by Christian Zirpins, Guadalupe Ortiz
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-031-23298-4
Descrizione fisica	1 online resource (119 pages)
Collana	Communications in Computer and Information Science ; ; v.1617
Disciplina	411
Soggetti	Cloud computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Workshop Editors -- Preface -- Organization -- Contents -- First International Workshop on AI for Web Application Infrastructure and Cloud Platform Security (AWACS 2022) -- Preface to the AWACS 2022 Workshop -- Organization -- Workshop Co-organizers -- Program Committee -- Additional Reviewers -- Towards a Metadata Management System for Provenance, Reproducibility and Accountability in Federated Machine Learning -- 1 Introduction -- 2 Background -- 2.1 Federated Machine Learning -- 2.2 Data Governance -- 2.3 ML Metadata Management -- 3 Related Work -- 4 FML Metadata Management -- 5 Metadata for Governance in FML -- 6 Metadata Management System -- 6.1 Architecture View -- 6.2 Implementation -- 7 Use Case Demonstration -- 7.1 Metadata Uses -- 7.2 Experiment Settings -- 7.3 Assessment of Uses -- 8 Conclusions and Future Work -- References -- Towards a Secure Peer-to-Peer Federated Learning Framework -- 1 Introduction -- 2 Problem Statement -- 2.1 Underlying Threat Model -- 2.2 Federated Preprocessing of Training and Test Data -- 3 Concept of the Decentralized P2P Framework -- 3.1 Secure Model Aggregation -- 3.2 Secure Preprocessing Tasks -- 4 Experiments -- 4.1 DNN Architecture and Example Dataset -- 4.2 Procedure and Evaluation -- 5 Related Work -- 6 Conclusion and Future Work -- References -- MIDA: Micro-flow Independent Detection of DDoS Attacks with CNNs -- 1 Introduction -- 2 MIDA in a Nutshell -- 3

Traffic Aggregation -- 4 Classification with CNNs -- 5 Data Sets -- 6 Performance Results -- 7 Conclusion and Future Work -- References -- ESOCC 2022 PhD Symposium -- En -- ESOCC 2022 PhD Symposium Chairs -- Program Committee -- Improving the Key Exchange Process of the eXtended Triple Diffie-Hellman Protocol with Blockchain -- 1 Introduction -- 2 Background and Related Work -- 3 Motivation -- 4 Design -- 5 Implementation -- 6 Experiments. 7 Conclusions and Future Work -- References -- Towards Data Governance for Federated Machine Learning -- 1 Introduction -- 2 Related Work -- 3 Hypothesis and Goals -- 4 Methodology -- 4.1 Study of the State of the Art -- 4.2 Conception of Federated Machine Learning Data Governance -- 4.3 Development of the Data Governance Solution -- 4.4 Evaluation and Optimization, with Experimentation in both Simulated and Real Use Cases -- 5 A Preliminary Approach for FML-DG -- 6 Conclusions and Future Work -- References -- ESOCC 2022 Projects Track -- En -- ESOCC 2022 Projects Track Chair -- Program Committee -- QuickFaaS: Providing Portability and Interoperability Between FaaS Platforms -- 1 Introduction -- 2 Challenges in FaaS Adoption -- 3 QuickFaaS -- 3.1 Function Definition -- 4 Conclusion and Future Work -- References -- Cloud Computing Continuum Research Topics and Challenges. A Multi-source Analysis -- 1 Introduction -- 2 Methodology -- 3 Cloud Computing Continuum Research Topics and Challenges -- 4 Conclusions -- References -- Developing a New DevOps Modelling Language to Support the Creation of Infrastructure as Code -- 1 Introduction -- 2 Current IaC Approaches -- 3 DOML Modelling Principles -- 3.1 A Single Model for Multiple IaC Code Fragments -- 3.2 Separation of Concerns and Multiple Modelling Layers -- 4 An Example of a DOML Model -- 5 Discussion -- References -- Urban Heat Island Detection Utilizing Citizen Science -- 1 Introduction -- 2 System Architecture -- 3 UHI Detection -- 4 Discussion -- References -- Using a Multi-sourced Methodology to Identify Challenges in Software Technologies Research -- 1 Introduction -- 2 Approach and Methodology to Determine the Research Challenges and Recommendations -- 3 Identified Research Challenges -- References -- ESOCC 2022 Industrial Track -- En -- ESOCC 2022 Industrial Track Chair. Rethinking Monitoring for Cloud Environments: BMC Software AIOps Case Study -- 1 Introduction -- 1.1 BMC AIOps - Background -- 2 A Service Centric Perspective on Noise Reduction -- 3 Incremental Differential Clustering for Causality -- Reference -- Author Index.
