1. Record Nr. UNISA996581067703316

Titolo	SMACD / PRIME 2021 : International Conference on Synthesis, Modeling, Analysis and Simulation Methods and Applications to Circuit Design and
Pubbl/distr/stampa	Berlin, : VDE Verlag, 2021
ISBN	3-8007-5589-0
Edizione	[Neuerscheinung]
Descrizione fisica	Online-Ressource (426 S.)
Soggetti	Modeling CMOS Synthesis MEMS Integrated circuits Microelectronic Machine-learning Multi-domain Nanoelectronics Simulation Methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	PublicationDate: 20210809
Sommario/riassunto	Long description: SMACD 2021 – International Conference on Synthesis, Modeling, Analysis and Simulation Methods and Applications to Circuit Design. The 2021 edition of the International Conference on Synthesis, Modeling, Analysis and Simulation Methods and Applications to Circuit Design (SMACD) was originally planned in Erfurt, Germany, but will be held virtually, as a forum devoted to modeling, simulation and synthesis for Analog, Mixed-signal, RF (AMS/RF) and multi-domain (nanoelectronics, biological, MEMS, optoelectronics, etc.) integrated circuits and systems. Experiences with modeling, simulation and synthesis techniques including machine-learning and artificial intelligence in diverse application areas are also welcomed. Objective

technologies include CMOS, beyond CMOS, and, Morethan-Moore such as MEMS, power devices, sensors, passives, etc. SMACD 2021 is Technically Co-sponsored by IEEE, IEEE CEDA and IEEE CAS. The conference proceedings will be submitted for inclusion in IEEExplore. PRIME 2021 – 16th Conference on PhD Research in Microelectronics and Electronics PRIME has been established over the recent years as an important conference where PhD students and postdocs with less than one year post-PhD experience can present their research results and network with experts from industry, academia and research. PRIME 2021 will feature conference program reflecting the wide spectrum of research topics in Microelectronics and Electronics, building bridges between various research fields. In addition to the technical sessions, opportunities for the conference attendees will be the keynote talks, workshops, social events and conference proceedings will be submitted for IEEE Xplorer.

2. Record Nr. UNINA9910747594103321

Titolo	Advanced Communication and Intelligent Systems : Second International Conference, ICACIS 2023, Warsaw, Poland, June 16–17, 2023, Revised Selected Papers, Part I / / edited by Rabindra Nath Shaw, Marcin Paprzycki, Ankush Ghosh
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-45121-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (287 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1920
Disciplina	006.3
Soggetti	Image processing - Digital techniques Computer vision Artificial intelligence Computer engineering Computer networks Data protection Application software Computer Imaging, Vision, Pattern Recognition and Graphics Artificial Intelligence Computer Engineering and Networks Data and Information Security Computer and Information Systems Applications

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Comparative Analysis of Deep Learning Architectures for Garbage Classification -- Developing an Automated System for Pothole Detection and Management using Deep Learning -- Collating Weather Data and Grocery Cost using Machine Learning Techniques -- Integrating Scene and Text Recognition for Improved Scene Caption to assist Visually Impaired -- An Analysis of Current Advancements: Elderly Fall Detection Systems Using Machine Learning Techniques -- DLMEKL: Design of an efficient Deep Learning Model for analyzing the effect of ECG & EEG disturbances on Kidney, Lungs and Liver functions -- Integration of IoT and Industry 4.0: Revolutionizing Industrial Processes -- Artificial Intelligence based Optimized Traffic Diversion System in Smart Cities -- Understanding Career Trajectories of IT professionals -A Machine Learning Approach -- A Review on Machine Learning based Security in Edge Computing Environment -- Ransomware Taxonomy and Detection Techniques Based on Machine Learning: A Review -- Analysis And Design of Document Similarity Using BiLSTM and BERT -- Customer Churn Analysis for Live Stream E-Commerce Platforms by Using Decision Tree Method -- Estimation of Reliability, BER, BLER and throughput during the coexistence of 4G LTE and 5G NR -- Exploring the Future of Edge Computing: Advantages, Limitations, and Opportunities -- Fake Product Review Detection Using Machine Learning -- A survey on Designing Efficient WSN using Duty Cycle optimization -- A Novel Framework for Harnessing AI for Evidence-Based Policymaking in E-Governance Using Smart Contracts -- Vehicular Ad-hoc Networks: A Review on Applications & Security -- An Approach for Efficient Experts Selection in Team Formation Problems -- Cybersecurity Model for Mobile and Web Application Banking Sectors.
Sommario/riassunto	This book constitutes the refereed proceedings of the Second International Conference on Advanced Communication and Intelligent Systems, ICACIS 2023, held in Warsaw, Poland, during June 16–17, 2023 The 22 full papers included in this book were carefully reviewed and selected from 221 submissions. They were organized in topical sections as follows: Wireless Communication, Artificial Intelligence and Machine Learning, Robotics & Automation, Data Science, IoT and Smart Applications.