

International Conference For Innovation In Biomedical Engineering And Life Sciences Icibel2015 6 8 December 2015 Putrajaya Malaysia Ifmbe Proceedings

This book gathers peer-reviewed contributions presented at the 3rd International Conference on Innovative Technologies for Clean and Sustainable Development, held in Chandigarh, India, on February 19-21, 2020. The respective papers focus on sustainable materials science and cover topics including the durability and sustainability of concrete, green materials in construction, economics of cleaner production, environmental impact mitigation, innovative materials for sustainable construction, performance and sustainability of special concrete, renewable energy infrastructure, sustainability in road construction, sustainable concrete, sustainable construction materials, waste minimization & management, prevention and management of water pollution, and zero-energy buildings.

This book examines innovation in the fields of computer engineering and networking, and explores important, state-of-the-art developments in areas such as artificial intelligence, machine learning, information analysis and communication. It gathers papers presented at the 8th International Conference on Computer Engineering and Networks (CENet2018), held in Shanghai, China on August 17–19, 2018. • Explores emerging topics in computer engineering and networking, along with their applications • Discusses how to improve productivity by using the latest advanced technologies • Examines innovation in the fields of computer engineering and networking

3rd International Conference for Innovation in Biomedical Engineering and Life Sciences Proceedings of ICIBEL 2019, December 6-7, 2019, Kuala Lumpur, Malaysia Springer Nature

This book constitutes the thoroughly refereed post-conference proceedings of the Second International Conference on Technology and Innovation in Learning, Teaching and Education, TECH-EDU 2020, held in Vila Real, Portugal, in December 2020. Due to the COVID-19 pandemic the conference was held in a fully virtual format. The 27 revised full papers along with 15 short papers presented were carefully reviewed and selected from 79 submissions. The papers are organized in topical sections on ?digital resources as epistemic tools to improve STEM learning; digital technologies to foster critical thinking and monitor self and co-regulation of e-learning; Covid-19 pandemic, changes in educational ecosystem and remote teaching; transforming teaching and learning through technology; educational proposals using technology to foster learning competences.

This book constitutes the refereed proceedings of the Second International Conference on Innovative Technologies and Learning, ICITL 2020, held in Porto, Portugal, in November 2020. The 65 full papers presented together with 2 short papers were carefully reviewed and selected from 127 submissions. The papers are organized in the following topical sections: Augmented and Virtual

Reality in Education; Educational Data Mining and Learning Analytics; Emerging Issues and Trends in Education; Innovative Learning in Education; Online Course and Web-Based Environment; Technology-Enhanced Learning; Application and Design of Innovative Learning Software; and Science, Technology, Engineering, Arts and Design, and Mathematics. Due to the Corona pandemic this event was held virtually.

This book constitutes the refereed proceedings of the 20th International Conference on Asia-Pacific Digital Libraries, ICADL 2018, held in Hamilton, New Zealand, in November 2018. The 20 full, 6 short, and 11 work in progress papers presented in this volume were carefully reviewed and selected from 77 submissions. The papers were organized in topical sections named: topic modeling and semantic analysis; social media, web, and news; heritage and localization; user experience; digital library technology; and use cases and digital librarianship.

This volume gathers the latest advances, innovations, and applications in the field of mining, geology and geo-spatial technologies, as presented by leading researchers and engineers at the International Conference on Innovations for Sustainable and Responsible Mining (ISRM), held in Hanoi, Vietnam on October 15-17 2020. The contributions cover a diverse range of topics, including mining technology, drilling and blasting engineering, tunneling and geotechnical applications, mineral processing, mine management and economy, environmental risk assessment and management, mining and local development, mined land rehabilitation, water management and hydrogeology, regional Geology and tectonics, spatial engineering for monitoring natural resources and environment change, GIS and remote sensing for natural disaster monitoring, risk mapping and revisualization, natural resources monitoring and management, mine occupational safety and health. Selected by means of a rigorous peer-review process, they will spur novel research directions and foster future multidisciplinary collaborations.

This book constitutes the refereed proceedings of the 18th International Conference on Innovations for Community Services, I4CS 2018, held in Žilina, Slovakia, in June 2018. The 14 revised full papers and the three revised short papers presented in this volume were carefully reviewed and selected from 38 submissions. The papers are organized in topical sections on architectures and management; data analytics and models; community and public collaboration; innovations and digital transformation.

New innovations in the fields of various engineering and technology are of urgent need today International conference on Innovation in Engineering and Technology (ICIET) aims to at providing a platform for scientists, engineers, researchers, practitioners, system developers from government, industry and academia The interaction, discussion and exchanging views among the participants will bring new opportunity for solving problems of our society Its scope includes recent advances in both theoretical and practical research addressing the areas of computer science and engineering, electrical and electronic engineering, nuclear engineering, robotics and mechatronics, chemical engineering, etc New technology and its applications as well as performance analysis works on the above areas are welcome in ICIET

This volumes presents the proceedings of ICIBEL 2015, organized by the Centre for Innovation in Medical Engineering (CIME) under Innovative Technology Research Cluster, University of Malaya. It was held in Kuala Lumpur, Malaysia, from 6-8 December 2015. The ICIBEL 2015 conference promotes the latest researches and developments related to the integration of the Engineering technology in medical fields and life sciences. This includes the latest innovations, research trends and concerns, challenges and adopted solution in the field of medical

engineering and life sciences.

Original contributions from researchers describing their unpublished research contribution which is not currently under review by another conference or journal and addressing state of the art research are invited to share their work in all areas 1 Data Science & Engineering 2 Computational Intelligence 3 Communication & Networking 4 Signal & Image Processing 5 RF Circuits, Systems and Antennas 7 Power, Energy and Power Electronics

This book constitutes the refereed post-conference proceedings of the First International Conference on Innovation and Interdisciplinary Solutions for Underserved Areas, InterSol 2017, and the 6th Collogue National sur la Recherche en Informatique et ses Applications (CNRIA), held in Dakar, Senegal, in April 2017. The 15 papers presented at InterSol were selected from 76 submissions and are grouped thematically in science, energy and environment, education, innovation, and healthcare. The proceedings also contain 13 papers from the co-located 6th CNRIA (Collogue National sur la Recherche en Informatique et ses Applications) focusing on network architecture and security, software engineering, data management, and signal processing.

This book constitutes the refereed proceedings of the 21st International Conference on Innovations for Community Services, I4CS 2021, held in Bamberg, Germany, in May 2021 as a hybrid event. The 14 full papers and 2 short papers presented in this volume were carefully reviewed and selected from 43 submissions. One short invited paper is also included. The papers focus on topics such as services for critical infrastructure; network architecture for communities; applications and services supporting work and life; community data and visualization; technology empowers industry processes; and future community support.

This book presents innovative engineering solution for medical diagnosis, therapy and life science studies. Gathering the proceedings of the 3rd International Conference for Innovation in Biomedical Engineering and Life Sciences, ICIBEL 2020, held on December 6-7, 2019, in Kuala Lumpur, Malaysia, this book aims at informing on engineering tools and their clinical applications, and being a source of inspiration for future research and interdisciplinary collaborations. .

This book highlights recent research on bio-inspired computing and its various innovative applications in information and communication technologies. It presents 51 high-quality papers from the 11th International Conference on Innovations in Bio-Inspired Computing and Applications (IBICA 2020) and 10th World Congress on Information and Communication Technologies (WICT 2020), which was held online during December 16–18, 2019. As a premier conference, IBICA–WICT brings together researchers, engineers and practitioners whose work involves bio-inspired computing, computational intelligence and their applications in information security, real-world contexts, etc. Including contributions by authors from 25 countries, the book offers a valuable reference guide for all researchers, students and practitioners in the fields of Computer Science and Engineering.

These proceedings represent the work of researchers participating in the 6th International Conference on Innovation and Entrepreneurship (ICIE 2018) which is being co-hosted by Georgetown University and George Washington University and is being held at The University of the District of Columbia (UDC) on 5-6 March 2018.

This book presents the proceedings of the 2nd EAI International Conference on Technology, Innovation, Entrepreneurship and Education (TIE' 2018), which took place at Ravensbourne University London, London, UK, on September 4, 2018. The central theme of the conference is emerging technologies in relation to business, education, social and political needs that make modern

society flourish. The proceedings feature papers from a cross-disciplinary audience that explore the process of creativity and innovation. The goal is that the various disciplines can learn from each other and see how they might benefit from the cross-fertilization of practices.

This book gathers the latest advances, innovations, and applications in urban and regional planning processes and science, as presented by international researchers at the 11th International Conference on Innovation in Urban and Regional Planning (INPUT), held in Catania, Italy, on September 8-10, 2021. The overarching theme of the conference INPUT 2021 was “Integrating Nature-Based Solutions in Planning Science and Practice”, with contributes focusing on functionality of urban ecosystems toward more healthier and resilient cities, planning solutions for socio-ecological systems, technologies and hybrid models for spatial planning, geodesign, urban metabolism, computational planning, ecosystems services, green infrastructure, climate change adaptation and mitigation, rural landscapes, cultural heritage, and accessibility for urban planning. The conference brought together international scholars in the field of planning, civil engineering and architecture, ecology and social science, to build and consolidate the knowledge and evidence on NBS in urban and regional planning.

This volume presents the proceedings of ICIBEL 2017, organized by the Centre for Innovation in Medical Engineering (CIME) under Innovative Technology Research Cluster, University of Malaya. It was held in George Town, Penang, Malaysia, from 10-13 December 2017. The ICIBEL 2017 conference promotes the latest research and developments related to the integration of the Engineering technology in medical fields and life sciences. This includes the latest innovations, research trends and concerns, challenges and adopted solution in the field of medical engineering and life sciences.

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