

40th IBIMA Computer Science Conference: 23-24 November 2022

Presentations: Wednesday 23 November 2022

Thursday 24 November 2022

Paper Number	Day	Time in GMT+2		Session Chair	Session Title	Manuscript Title	Archived online Powerpoint Presentation
11232	Wednesday	3:30 PM		Ranjit KAUR	Research in Mobile Applications	Evaluating The Work of Mobile Application Designers That How They Overcome the Difficulties of Visually Impaired People	Link to Presentation
11233	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Visualization of Air Quality Movement for Health Care Sector	Link to Presentation
11286	Wednesday	3:30 PM		Ranjit KAUR	Research in Mobile Applications	The Evaluation of the Usability in Mobile Applications	
11290	Wednesday	3:30 PM		Ranjit KAUR	Research in Mobile Applications	A Way to Investigate the Soundscape of Urban Spaces: A Case Study on The Example of City of Zabrze	Link to Presentation
11292	Thursday	9:30 AM		Băilă Diana-Irinel	Software Engineering and Application Design	An Optimization of Cardinality of a Test Cases Set for Random Testing Process	Link to Presentation
11298	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	Complexity of Multi-robot Task Allocation Problems with Multimodal Execution	Link to Presentation
11305	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	An Economic Approach on The Comparative Analysis of FFNN and LSTM In Predicting Energy Consumption	Link to Presentation
11306	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	Constructing A Composite Indicator for Measuring the Socio-Economic Development of a Country, Using PCA And Machine Learning Classification Models	Link to Presentation
11309	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Data Collection in Smartwatches: A Practical Approach for Detection of Changes in Heartbeat in Medical Applications	Link to Presentation

11311	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	A Simulation Study on The Influence of The Call Push-Out Scenarios on Traffic Effectiveness of Multi-Service Network Nodes	Link to Presentation
11318	Wednesday	3:30 PM		Ranjit KAUR	Research in Mobile Applications	Testing Business Models for Paid Mobile App: An Empirical Study	
11322	Wednesday	3:30 PM		Ranjit KAUR	Research in Mobile Applications	Privacy and Security of Wearable Sensors in Healthcare: An Exploratory Literature Analysis	Link to Presentation
11337	Thursday	9:30 AM		Băilă Diana-Irinel	Software Engineering and Application Design	Authorization Service Project for Microservice Systems with SPA GUI	Link to Presentation
11348	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Cloud Computing and Business Process Management: Possibilities, Challenges, New Concepts	Link to Presentation
11359	Thursday	9:30 AM		Băilă Diana-Irinel	Software Engineering and Application Design	Comparison of Complex Mathematical Notation and Applications for Searching and Plagiarism Detection	Link to Presentation
11362	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	Complexity of Coalition Formation for Multi-Robot Task Allocation with Subtasks	Link to Presentation
11383	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Application of the Workflow Mechanism in The Integrated Multilevel Information System of The Ministry of National Defence (IMISMND) On the Example of Selected Resource Management Processes	Link to Presentation
11391	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	Comparison of the Effectiveness of Cloud Solutions in Forecasting Using Automated Cloud Machine Learning Solutions	Link to Presentation
11402	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	Dealing with Data Scarcity in Brain Imaging: Classical and GAN-based Pre-training	Link to Presentation
11404	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	Augmentations and Domain Adaptation for Image Segmentation Tasks	Link to Presentation
11409	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Assessment of the Usability of Devices with BLE Interface In Automatic Access Control Systems	Link to Presentation

11424	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	Simulation Studies of Systems Handling Different Streams of Multi-Service Traffic with Priorities	Link to Presentation
11425	Wednesday	3:30 PM		Ranjit KAUR	Research in Mobile Applications	Synchronization Between Local and Remote Database on The Example of The Mobile Application of The Idvictim System	Link to Presentation
11432	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	Transfer Learning of Convolutional Neural Networks	Link to Presentation
11447	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Milk Siblings Tracing System for Malaysians	Link to Presentation
11456	Thursday	9:30 AM		Băilă Diana-Irinel	Software Engineering and Application Design	The Costs Concerning the Manufacturing of Hybrid 3D Printer	Link to Presentation
11470	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Adaption Blockchain Technology in Patient Health Records in Saudi Arabia	
11473	Thursday	9:30 AM		Băilă Diana-Irinel	Software Engineering and Application Design	Simulation of Mechatronic Bar Operation Distortions in Matlab Simulink Environment	
11476	Thursday	9:30 AM		Băilă Diana-Irinel	Software Engineering and Application Design	Automating Software Compilation with The Gradle Tool Using the Example of a Lesson Planning System	
11477	Thursday	9:30 AM		Băilă Diana-Irinel	Software Engineering and Application Design	Full Stack Development - Software Development for The Full Development Stack Using the Example of a Lesson Planning System	
11479	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	Evaluation of Methods for Data Imputation in Time Series of Meteorological Variables of Northern Chile Using Data Analysis Techniques	Link to Presentation
11481	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Building Relevant Electronic Profiling for Automated Career Recommendations	Link to Presentation
11484	Wednesday	3:30 PM		Ranjit KAUR	Research in Mobile Applications	Privacy and Security Vulnerabilities of Wearable Wireless Sensors in Healthcare: A Systematic Literature Review and Research Gap Analysis	Link to Presentation
11486	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	Optimization of Transmission in The Satellite System for Determined Locations of The Ground Station	Link to Presentation

11489	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Health Monitoring of Adults with Brain Diseases Using Shoe Pressure Sensors	Link to Presentation
11490	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	The Use of IT Tools In Event Management at The Crisis Level	
11507	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	The Security Team as A Key Element of the ISMS Implementation and Certification Process	Link to Presentation
11508	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Using Blockchain Smart Contract Approach in Improvement of "Orders & Payments" Process Implementation in Carrotspot Benefit Platform	Link to Presentation
11515	Thursday	2:00 PM		Raid SAABNI	Artificial intelligence, Machine Learning and Robotics	A Systematic Literature Review of Machine Learning Methods for Predicting Election Results Based on Social Media Platforms	Link to Presentation
11526	Thursday	3:30 PM		Tomasz TURBA	Information Systems, Artificial intelligence and Machine Learning	Overview of Automatic Testing Methods of Fuzzing Based on Machine Learning Techniques	Link to Presentation
11546	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Consequences of User Adoption of Augmented Reality in Construction Projects: A Survey of the State-of-the-Art	Link to Presentation
11548	Thursday	9:30 AM		Băilă Diana-Irinel	Software Engineering and Application Design	Security Requirements Classification into Functional and Non-functional	Link to Presentation
11556	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Agile Enterprise Architecture – A Literature Review	Link to Presentation
11561	Thursday	3:30 PM		Siti Fatimah A. RAZAK	Research in Information systems	Evaluating User Experience (UX) of the Top E-commerce Websites in Malaysia: A Quantitative Study	Link to Presentation
11577	Thursday	9:30 AM		Băilă Diana-Irinel	Software Engineering and Application Design	Literature Review on Models, Software Architectures and Software Design Patterns for Building a Sales Forecasting Module for Improved Decision Making	Link to Presentation
11586	Thursday	3:30 PM		Tomasz TURBA	Information Systems, Artificial intelligence and Machine Learning	Swing Dynamic GUI	Link to Presentation
11587	Thursday	3:30 PM		Tomasz TURBA	Information Systems, Artificial intelligence and Machine Learning	The Architecture Concepts for Building Highly Scalable Crawling Cluster for Data-Driven On-Page Optimization	Link to Presentation

11598	Thursday	3:30 PM		Tomasz TURBA	Information Systems, Artificial intelligence and Machine Learning	Twitter Arabic Dialect Identification using Different Feature Engineering Models	Link to Presentation
11601	Thursday	3:30 PM		Tomasz TURBA	Information Systems, Artificial intelligence and Machine Learning	An Analysis of IP Routing Mechanism Security	Link to Presentation
11642	Thursday	3:30 PM		Tomasz TURBA	Information Systems, Artificial intelligence and Machine Learning	Human Interaction with Artificial Intelligence	Link to Presentation