



Parallel Sessions

Day 1 & Day 2

Parallel Sessions Day 1

9.00 am - 10.00 am

Oral Session ISE Convention Room (2304/05): Big Data

Session Chair: Assoc. Prof. Dr. Haidawati Mohamad Nasir (UniKL)

Development of Wireless Sensor Network (WSN) and Mobile Ad-Hoc Network (MANET) Communication for Military Operation and SAR (Search and Rescue) Operation

Presenter: Mohd Nazri Ismail (UPNM)

Data Analytics in the Utilization of ICTs for Disaster Preparedness Plan of HEIs Region 5

Presenter: Daniel Jr. Maligat (Camarines Norte State College)

The Effect of Internet of Things (IOT) Towards Social Science Student's Performance

Presenter: Farahwahida Mohd (UniKL)

10.30 am - 11.30 am

Oral Session ISE Convention Room (2304/05): Big Data

Session Chair: Prof. Madya. Dr. Mohd Nazri Ismail (UPNM)

The Effectiveness of Using Malay Affixes for Handling Unknown Words in Unsupervised HMM POS Tagger

Presenter: Hassan Mohamed (UPNM)

Android-based Parental Monitoring Apps

Presenter: Dalilah Abdullah (UniKL)

Parallel Sessions Day 1

2.00 pm - 3.20 pm

Oral Session ISE Convention Room (2304/05): Big Data

Session Chair: Prof. Madya Dr. Mohd Afizi Mohd Shukran (UPNM)

An Active and Popular Facebook Page Equals Better Chances of Winning an Election? The 2013 Malaysian General Election Case

Presenter: Mohammad Adib Khairuddin (UPNM)

Forecasting Military Vehicle Spare Parts Requirement using Neural Networks followed by Application of Tacit Knowledge

Presenter: Mahendra K Sekaran Nair (UPNM)

Cloud Based Intrusion Detection Conceptual Model for IoT Objects

Presenter: Abdulaziz Saleh (UniKL)

Developing User Requirement's Handbook for Malaysian Military Observers Using Phenomenology Approach

Presenter: Wan Su Emi Yusnita Wan Yusof (UPNM)

Parallel Sessions Day 1

9.00 am - 10.00 am

Oral Session 2306: Artificial Intelligence

Session Chair: Prof. Madya. Dr. Suzaimah Ramli (UPNM)

Spike Response Function Weight and Delay Updating Strategy Using Delay Rules

Presenter: Abdullah H. Almasri (UniTAR)

Predicting User Navigation in an Online Newspaper Site Using Association Rules Mining and Markov Model

Presenter: Husna Sarirah Husin (UniKL)

Developing a Framework for Detecting Accident and Sending Alert Message Using Android Application

Presenter: Mohd Afizi Mohd Shukran (UPNM)

10.30 am - 11.30 am

Oral Session 2306: Artificial Intelligence

Session Chair: Dr. Mohd Nizam Husen (UniKL)

Shift worker Sleepiness Detection Using Likelihood Ratio-Based Score

Presenter: Rodney Petrus Balandong (UTP)

Scattered Particles Removal in Single Image for Technology of Hologram

Presenter: Muhamad Lazim Talib (UPNM)

Fusion of Active Appearance Model and Histogram of Oriented Gradient for Age Estimation

Presenter: Quan-Yan Chang (MMU)

Parallel Sessions Day 1

2.00 pm - 3.20 pm

Oral Session 2306: Artificial Intelligence

Session Chair: Dr. Shahrinaz Ismail (UniKL)

The Openings of Intelligent System in IT Governance: A Review Pointing the Institute of Higher Learning in Malaysia

Presenter: Amalia Mukhlas (UniKL)

Military Capability Sustenance: Providing Effective Supports Throughout Lifespan

Presenter: Hamzan Abd Jamil (UPNM)

A Hybrid-structured Requirements Analysis Approach in SPL based on Collateral, KAOS and Feature Model

Presenter: Fazal Qudus Khan (UniKL)

Examine Data Capture of Exergames Using Kinect Sensor for Gameplay Analysis

Presenter: Muhammad Fairuz Abd Rauf (UPNM)

Parallel Sessions Day 1

9.00 am - 10.00 am

Oral Session 2307A: New Media Technology

Session Chair: Dr. Mohammad Faizuddin Mohd Noor (UniKL)

An Insight on Mixed Reality for 3 Dimensional (3D) Geospatial Terrain in Enhancing the Situational Awareness Amongst Military Decision Makers'

Presenter: Norshahriah Abdul Wahab (UPNM)

Fingerprinting Smartphones Remotely via Sensors Data

Presenter: Ahmed Al-Haiqi (UNITEN)

Pilgrims' Acceptance of Using Augmented Reality Applications While Performing the Hajj

Presenter: Rasheed Mohammad Nassr (UniKL)

10.30 am - 11.30 am

Oral Session 2307A: New Media Technology

Session Chair: Dr. Nur Diyana Kamarudin (UPNM)

Two Cell Fault Models and Parasitic RC Test Method for Embedded SRAM

Presenter: Muddapu Parvathi

(BVRIT Hyderabad College of Engineering for Women)

Adopting IT Application in Lean Healthcare: A Case Study of Malaysian General Hospital

Presenter: Noor Widasuria Abu Bakar (UniKL)

Can Doctors Volunteering Online in Health Virtual Community Achieve Work-Family Balance?

Presenter: Mohamad Nor Norzaila (UUM)

Parallel Sessions Day 1

2.00 pm - 3.20 pm

Oral Session 2307A: *New Media Technology*

Session Chair: Dr. Mohd Fahmi Mohamad Amran(UPNM)

Food Truck Application in Social Computing

Presenter: Bazilah A. Talip (UniKL)

Enhanced Network Performance in Wireless Virtualization

Presenter: Md. Nazmus Saadat (UniKL)

Mickey Mouse: Studying the Anthropomorphism Factors insides Walt Disney Animations

Presenter: Dahlan Ghani (UniKL)

Parallel Sessions Day 1

9.00 am - 10.00 am

Oral Session 2307B: Security & Privacy

Session Chair: Dr. Mohammad Adib Khairuddin (UPNM)

Protecting Online Privacy by Heightening Communication Path Using Different Hops Path Tor

Presenter: Amna Saad (UniKL)

Privacy and Security of Cloud Computing: A Comprehensive Review of Techniques and Challenges

Presenter: Marwan Adnan Darwish (UniKL)

Performance Analysis of Different Audio Video Codecs for Wireless and Wired VoIP

Presenter: Mohd Nazri Ismail (UPNM)

10.30 am - 11.30 am

Oral Session 2307B: Security & Privacy

Session Chair: Dr. Megat Farez Azril Zuhairi (UniKL)

A Model for "Mission Critical Multiple Clients and Single Server Operation for Failure Detection and Recovery System"

Presenter: Syahaneim Marzukhi (UPNM)

Honeypots and Honeynets: Concepts, Approaches, and Challenges

Presenter: Lawal Idris Bagiwa (Hassan Usman Katsina Polytechnic, Katsina, Nigeria)

Kansei Engineering Approach for Measuring Political Propaganda: A Case of Malaysia

Presenter: Mat Razali Noor Afiza (UPNM)

Parallel Sessions Day 1

2.00 pm - 3.20 pm

Oral Session 2307B: *Security & Privacy*

Session Chair: Mr. Ahmed Al-Haiqi (Uniten)

Exploration of Factors that Influence Information Security Education

Presenter: Ahmed Gouni (UniKL)

Deep Convolutional Generative Adversarial Networks for Intent-based Dynamic Behavior Capture

Presenter: Salman Jan (UniKL)

Parallel Sessions Day 2

9.00 am - 10.00 am

Oral Session ISE Convention Room (2304/05): Big Data

Session Chair: Dr Abdullah AlMasri (UniTAR)

The Design of Promoting Building Energy Saver with Mobile Controller

Presenter: Nor Azliana Akmal Jamaludin (UPNM)

Simulation Technique of Steady-State Network Based on AODV Routing Protocol

Presenter: Ayanwuyi T. Kolade (UniKL)

A Learning Automata-based Algorithm for Solving Priority-based Target Coverage Problem in Directional Sensor Networks with Adjustable Sensing Ranges

Presenter: Mohd Norsyarizad Razali (UPNM)

10.30 am - 11.30 am

Oral Session ISE Convention Room (2304/05): Big Data

Session Chair: Dr. Muslihah Wook (UPNM)

Real-Time Water Quality Monitoring with Multi-Sensors

Presenter: Mohd Nizam Husen (UniKL)

Mobile Crowd Sensing Application for Noise Monitoring in Kuala Lumpur

Presenter: Rashid Zafar (UniKL)

Association Analysis of Cyberbullying on Social Media Using Apriori Algorithm

Presenter: Zuraini Zainol (UPNM)

Parallel Sessions Day 2

9.00 am - 10.00 am

Oral Session 2306: Artificial Intelligence

Session Chair: Puan Suhaila Ismail (UPNM)

Extended Design Science Research Methodology for Parallel Vision System Presenter:
Deshinta Dewi (UKM)

Metamodeling Approach for the Development of Geometrical Modelling Languages
Presenter: Vitaliy Mezhuyev (UMP)

Pigment Spots Detection on Iris Surface Applied Thresholding Method through HSV Colour Space
Presenter: Mustafa Man (UMT)

10.30 am - 11.30 am

Oral Session 2306: Big Data

Session Chair: Rasheed Mohammad Nassr (UniKL)

The Effects of User's Role and User's Mood Toward Cyber Sickness Symptoms on Desktop Computer in Virtual Reality Environment
Presenter: Salyani Osman (Universiti Selangor)

Internet of Things (IoT) based Inventory Management Solution
Presenter: Tanzila Saba (Prince Sultan University)

Parallel Sessions Day 2

9.00 am - 10.00 am

Oral Session 2307A: Security & Privacy

Session Chair: Dr. Abdul Aziz Saleh Aborujilah (UniKL)

Dissemination Model for Critical Governments Information

Presenter: Najd Alosaimi and Sharifa Alghowinem (Prince Sultan University)

Vertical Handover Evaluation for Heterogeneous Networks

Presenter: Mohd Taha Ismail (UniKL)

The Potential Factors Influencing Awareness on Information Security in Phishing Attacks from Various Industries: A Systematic Literature Review (SLR).

Presenter: Ayman Asfoor (Uniten)

10.30 am - 11.30 am

Oral Session 2307A: Security & Privacy

Session Chair: Dr. Arniyanti Ahmad (UPNM)

Confidentiality and Integrity of the Biometric Fingerprint Template Protection

Presenter: Taqiyah Khadijah Ghazali (UUM)

MANET – A used of ZigBee Technology for Human Intruder Detection

Presenter: Irma Syarlina (UniKL)

Parallel Sessions Day 2

9.00 am - 10.00 am

Oral Session 2307B: Special Issue of ICT for Maritime

Session Chair: Lt. Kdr. Dr. Mohd Norsyarizad Razali TLDM (B) (UPNM)

Quality Evaluation of Treated Ballast Seawater for Potential Reuse

Presenter: Siti Nur Muhamad (UPNM)

Technology Foresight in Modular Construction Shipbuilding industries: The Case of Malaysia's Shipyard

Presenter: Ahmad Alliff Anuar Mokhtar (UPNM)

The Processing of Nitrocellulose from Rhizophora, Palm Oil Bunches (EFB) and Kenaf Fibres as a Propellant Grade

Presenter: Mohd Najib Abdul Ghani Yolhamid (UPNM)

10.30 am - 11.30 am

Oral Session 2307B: Special Issue of ICT for Maritime

Session Chair: Kdr Tang Jut Weng (B)(UPNM)

Leader of Character Framework for Bachelor Degree in Maritime Technology Graduates

Presenter: Kept. Prof. Madya Zulkifly Mat Radzi (UPNM)

In-Situ Current Speed Measurement and Sediment Characteristics at UPNM Lake

Presenter: Ainul Husna Abdul Rahman (UPNM)

The Influence of RTK GNSS Antenna Heights on Multipath Error

Presenter: Siti Sarah Mohd Isnan (UPNM)

