

Friday 13 December 2024, Presentations

Session 7A, 9:30

## Online Presentations

**TCE-2024-10-3097** - A Comprehensive Framework for the Detection of Scams on Social Media, Incorporating Machine Learning Techniques, Natural Language Processing and Behavioral Analytics; [roy0079@flinders.edu.au](mailto:roy0079@flinders.edu.au); Mr. Roy;

#65 1571096547: [Comparing Image Segmentation Algorithms](#)

<b>Authors</b>	Milind Cherukuri (University of North Texas, USA)
<b>Paper title</b>	<i>Comparing Image Segmentation Algorithms</i>
<b>Conference and track</b>	<b>2024 IEEE Consumer Life Tech (ICLT) - CT18: Deep learning and pattern recognition</b>

#69 1571097105: [Balancing Act: Navigating Privacy and Security in the Cookie-Enabled Web](#)

<b>Authors</b>	Arun Jaiswal, Bijay Kumar Basnet, Prashanna Ghimire, Praveen Reddy Palle, Sukhvinder Sukhvinder and Saman Shojae Chaeikar (Sydney International School of Technology and Commerce, Australia)
<b>Paper title</b>	<i>Balancing Act: Navigating Privacy and Security in the Cookie-Enabled Web</i>

#70 1571097109: [Navigating the Future of Ethical Hacking and Penetration Testing](#)

<b>Authors</b>	Jaydeep Jagdishkumar Patel, Sahil Kankroliya, Ashu Ashu, Bushra Naeem and Saman Shojae Chaeikar (Sydney International School of Technology and Commerce, Australia)
<b>Paper title</b>	<i>Navigating the Future of Ethical Hacking and Penetration Testing</i>

Friday 13 December 2024, Presentations

Session 8A, 10:30

## Online Presentations

**Sunish Gupta (USA)**

Title to be Advised

This presentation will deal with accessibility issues and opportunities for research and advancing technology for the benefit of humanity.

#84 1571099965: [\*Blackbox Approach for Stealthy Watermark Identification in Image Files\*](#)

<b>Authors</b>	Arwa Faisal Alqahtani and Maha F Sabir (King AbdulAziz University, Saudi Arabia & Computing and Information Technology, Saudi Arabia)
<b>Paper title</b>	<i>Blackbox Approach for Stealthy Watermark Identification in Image Files</i>

#88 1571100959: [\*A Performance Comparison of Multiple Deep Learning Methodologies in Image to Text Synthesis Tasks\*](#)

<b>Authors</b>	Edward Kevin Winata and Jude Joseph Lamug Martinez (BINUS University International, Indonesia)
<b>Paper title</b>	<i>A Performance Comparison of Multiple Deep Learning Methodologies in Image to Text Synthesis Tasks</i>

#80 1571099240: [\*Enhancing Reading Comprehension for Junior High School Students Using a Mobile App: Integrating Text to Audio Reading Application, Summarization, and Descriptive Data Analytics for Insights\*](#)

<b>Authors</b>	Patrick Sevilla (Pamantasan ng Lungsod ng Maynila, Philippines); Joseph Bernard Dugay and Lloyd Allen Arguelles (Author, Philippines); Criselle J Centeno, Raymund M Dioses, Vivien A. Agustin and Joseph Darwin C Co (University of the City of Manila, Philippines)
<b>Paper title</b>	<i>Enhancing Reading Comprehension for Junior High School Students Using a Mobile App: Integrating Text to Audio Reading Application, Summarization, and Descriptive Data Analytics for Insights</i>

Friday 13 December 2024, Presentations

Session 9A, 11:30

**Online Presentations**

#63 1571095245: [\*Harnessing AI for Agriculture Utilizing Color-Condition Camera Sensors and Thermal Imaging Drones for Crop Color-Condition Detection and Predictive Yield Analysis with Inventory Management System\*](#)

<b>Authors</b>	Cris Paul V. Guatno (Pamantasan ng Lungsod ng Maynila, Philippines)
<b>Paper title</b>	<i>Harnessing AI for Agriculture Utilizing Color-Condition Camera Sensors and Thermal Imaging Drones for Crop Color-Condition Detection and Predictive Yield Analysis with Inventory Management System</i>

#75 1571098335: [\*Audcare: Advanced Care for Children with Autism Spectrum Disorder Through a Mobile Application for Predicting and Managing Meltdowns Using CNN-LSTM\*](#)

<b>Authors</b>	Pia Serrano, George de Vera and Filmer Romero (Pamantasan ng Lungsod ng Maynila, Philippines); Criselle J Centeno and Joseph Darwin C Co (University of the City of Manila, Philippines); Ariel Antwaun Rolando Sison (PLM, Philippines)
<b>Paper title</b>	<i>Audcare: Advanced Care for Children with Autism Spectrum Disorder Through a Mobile Application for Predicting and Managing Meltdowns Using CNN-LSTM</i>

#29 1571083917: [\*Unleashing the Power of the Diffusion Model for Handling Imbalanced Data in IoT Devices\*](#)

<b>Authors</b>	Alexandre Boissel (LS2N, France); Ons Aouedi (University of Luxembourg, Luxembourg); Kandaraj Piamrat (Nantes University & INRIA, LS2N, IMT Atlantique, France)
<b>Paper title</b>	<i>Unleashing the Power of the Diffusion Model for Handling Imbalanced Data in IoT Device</i>

Friday 13 December 2024, Presentations

Session 9A, 13:30

## Online Presentations

**TCE-2024-11-3214** - Unleashing the Power of the Diffusion Model for Handling Imbalanced Data in IoT Devices; [kandaraj.piamrat@univ-nantes.fr](mailto:kandaraj.piamrat@univ-nantes.fr); Dr. Piamrat

TCE-2024-10-3049

*Improved Semantic Segmentation with Large-scale Attention-based Self-supervised Few-shot Learning* [jmguo@seed.net.tw](mailto:jmguo@seed.net.tw)

**TCE-2024-10-3086** - LEDNet Image Enhancement Network for Mini-LED Application; [skystar@ntut.edu.tw](mailto:skystar@ntut.edu.tw); Prof. Fan Yu Cheng;

**TCE-2024-10-3087**; Design of mini-LED Backlight Display Based on Adaptive 3D LUT Image Enhancement; Yu-Cheng Fan (contact), Ping-Chun Chen, Chinatip Lawansuk, Pin-Chieh Hsieh, Mei-Yun Chen; [skystar@ntut.edu.tw](mailto:skystar@ntut.edu.tw); Prof Yu-Cheng Fan;

#67 1571097098: [\*A Review on Computer Crimes and Digital Forensics\*](#)

<b>Authors</b>	Sujan Khadka, Roshan Singh, Masrath Begum, Osama Muhammad, Bushra Naeem and Saman Shojae Chaeikar (Sydney International School of Technology and Commerce, Australia)
<b>Paper title</b>	<i>A Review on Computer Crimes and Digital Forensics</i>