



The 2nd International Conference on Recent Advances in Machine Learning, Data Science, Intelligent Systems & Networking

## MaDaIN2021 Program

Zoom Link: <https://bit.ly/MaDaIN2021>

TIME (GMT +00:00)	Program
<b>December 15<sup>th</sup>, 2021 (Wednesday)</b> University of Science and Technology – The University of Danang, Danang, Vietnam	
6:30 – 6:35 <i>(Local time: 13:30–13:35)</i>	<b>Opening Ceremony</b> <i>Assoc. Prof. Nguyen Tan Khoi</i> <i>University of Science and Technology – The University of</i> <i>Danang, Danang, Vietnam</i>
6:35 – 6:45 <i>(Local time: 13:35–13:45)</i>	<b>Introduction about DUT &amp; International Cooperation</b>
6:45 – 8:25 <i>(Local time: 13:45–15:25)</i>	<b>Session 1: Machine Learning &amp; AI</b>
6:45 – 7:05 <i>(Local time: 13:35–14:05)</i>	<b>An End-to-End Spatial-Aware Attention Method for Multi-Line License Plate Spotting</b> <i>Nguyen Viet Hoai, Phan Huy Hoang, Doan Bao Linh and Dinh Viet Sang</i>
7:05 – 7:25 <i>(Local time: 14:05–14:25)</i>	<b>Formalization of Business Processes and Business Rules Model using Colored Petri Nets</b>

	<i>Tuan Nguyen, Nhan Le Thanh and Hoang Thi-Thanh-Ha</i>
7:25 – 7:45 <i>(Local time: 14:25–14:45)</i>	Analysis of geometrical features of 3D model based on the surface curvature of a set of point cloud <i>Mau Le Tien, Khoi Nguyen Tan and Romain Raffin</i>
7:45 – 8:05 <i>(Local time: 14:45–15:05)</i>	Electricity theft detection in power grid with a hybrid Convolutional neural network - Support vector machine model <i>Thi Hoai Thu Nguyen and Quoc Bao Phan</i>
8:05 – 8:25 <i>(Local time: 15:05–15:25)</i>	A Comparison of Deep Learning Methods for Vision-based Fire Detection in Surveillance System <i>Wahyono Wahyono, Agus Harjoko, Andi Dharmawan, Gamma Kosala and Putra Yudha Pranata</i>
8:25 – 8:35 <i>(Local time: 15:25–15:35)</i>	<b>Coffee Break</b>
8:35 – 9:20 <i>(Local time: 15:35–16:20)</i>	<b>Keynote Speech</b> “ <i>Artificial intelligence enabled 6G network: Challenges, and Potential Use Cases</i> ” <i>Speaker: Prof. Ammar Muthanna</i> Director of the Scientific Center for Modeling Wireless 5G Networks Institute of Applied Mathematics and Telecommunications, RUDN University
9:20 – 10:40 <i>(Local time: 16:20–17:40)</i>	<b>Session 2: Machine Learning &amp; AI</b>
9:20 – 9:40 <i>(Local time: 16:20–16:40)</i>	Design and deployment of a customer journey management system: the CJMA approach <i>Nam Nguyen Chan, Duc Loc Nguyen Vo, Cuong Pham-Nguyen, Thang Le Dinh, Nguyen Anh Khoa Dam, Thanh Thoa Pham Thi and My Hang Vu Thi</i>

<p><b>9:40 – 10:00</b> <i>(Local time: 16:40–17:00)</i></p>	<p><b>Efficient Complex Valued Neural Network with Fourier Transform on Image Denoising</b> <i>Minh Tuan Pham, Van Quang Nguyen, Cao Duy Hoang, Hoang Long Vo, Dinh Khoi Phan and An Hung Nguyen</i></p>
<p><b>10:00 – 10:20</b> <i>(Local time: 17:00–17:20)</i></p>	<p><b>A hybrid model of EEMD and Bidirectional LSTM network for day-ahead electricity load forecasting</b> <i>Thu Nguyen, Quoc Bao Phan, Vu Nhat Nam Nguyen and Hai Minh Pham</i></p>
<p><b>10:20 – 10:40</b> <i>(Local time: 17:20–17:40)</i></p>	<p><b>A Big Data framework based on Apache Spark for Industry-specific Lexicon Generation for Stock Market Prediction</b> <i>Simone Angioni, Salvatore Carta, Sergio Consoli, Diego Reforgiato Recupero and Maria Madalina Stanciu</i></p>
<p><b>10:40 – 10:45</b> <i>(Local time: 17:40–17:45)</i></p>	<p><b>Closing Ceremony</b> <i>Dr. Pham Minh Tuan</i> <i>University of Science and Technology – The University of Danang, Danang, Vietnam</i></p>