conferenceseries LLC Ltd



3RD INTERNATIONAL CONGRESS ON

# AI AND MACHINE LEARNING

AUGUST 03, 2022 | WEBINAR

# SCIENTIFIC PROGRAM

## AGENDA

### August 03, 2022

**08:20-08:30**

**Opening Cermony**

Major Sessions: Real World Artificial Intelligence Applications | Artificial Intelligence | Machine Learning | AI and Machine Learning in Health Care & Medical Science | Industrial Applications of AI | Robotics | AI in Cyber Security| Reinforcement learning | Neural networks

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| 8:30-9:00 | Title: Machine Learning for Sensing and Communications with Reactive Near Fields.<br>**Dr. Ai-ichiro Sasaki** \| Kindai University \| Japan |
| 9:00-9:30 | Title: Identification of Human Walking Balance Controller Based on COM-ZMP Model of Humanoid Robot.<br>**Dr. Taizo Yoshikawa** \| Hoinda R&D \| Japan |
| 9:30-10:00 | Title: Modelling housing prices for different housing types and analysing risks and returns of housing markets using ML and AI.<br>**Dr. Jaliya Amarasinghe** \| Griffith Business School \| Australia |
| 10:00-10:30 | Title: Transfer learning strategy pre-training with CT images contributes toimproving deep learning model classifying benign and malignant lung nodule on chest x-rays.<br>**Dr. Kengo Takahashi** \| Tohoku University Graduate School of Medicine \| Japan |
| 10:30-11:00 | Title: Detection of Cardiac Amyloidosis on ECG images using machine learning and deep learning techniques.<br>**Dr. Gladys Jebakumari Gnanadurai** \| Kings Engineering College \| Dubai |
| 11:00-11:30 | Title: Entropy of Artificial Intelligence.<br>**Dr. Antal Jakovac** \| Wigner RCP \| Hungary |
| 11: 30-12:00 | Title: Stigmergic reinforcement learning in photonic neural networks based on solitonic waveguides.<br>**Dr. Eugenio Fazio** \| Sapienza University of Rome \| Italy |

**Break @ 12:00-12:20**

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| 12:20-12:50 | Title: A New Hope in the Fight Against Antimicrobial Resistance with Artificial Intelligence.<br>**Dr. Minh-Hoang Tran** \| Nhan Dan Gia Dinh Hospital \| Vietnam |
| 12:50-1:20 | Title: Geocultivar Discrimination and Spectroscopic benchmarks of Italian EVOO through Spectroscopy & Machine Learning.<br>**Dr. Claudia Scatigno** \|Enrico Fermi Research Centre and Historical Museum for the Study of Physics \| Italy |
| 1:20-1:50 | Title: Comparison of a Robotic and Patient-Mounted Device for CT-Guided Needle Placement: A Phantom Study<br>**Dr. Alexander Mitteregger** \| Medical University of Innsbruck \| Austria |
| 1:50-2:20 | Title: A Methodology for Solving Hard Combinatorial Optimization Problems With General Purpose Integer Programming Software.<br>**Dr. Yun Lu** \| Kutztown University of PA \| USA |
| 2:20-2:50 | Title: AT-BOD: An Adversarial Attack on Fool DNN-Based Blackbox Object Detection Models.<br>**Ilham ElAalami** \| Imam Abdulrahman bin Faisal University \| Saudi Arabia |
| **Panel Discussion** | |
| **Thanks Giving & Closing Ceremony** | |