Meetings International

International Conference on

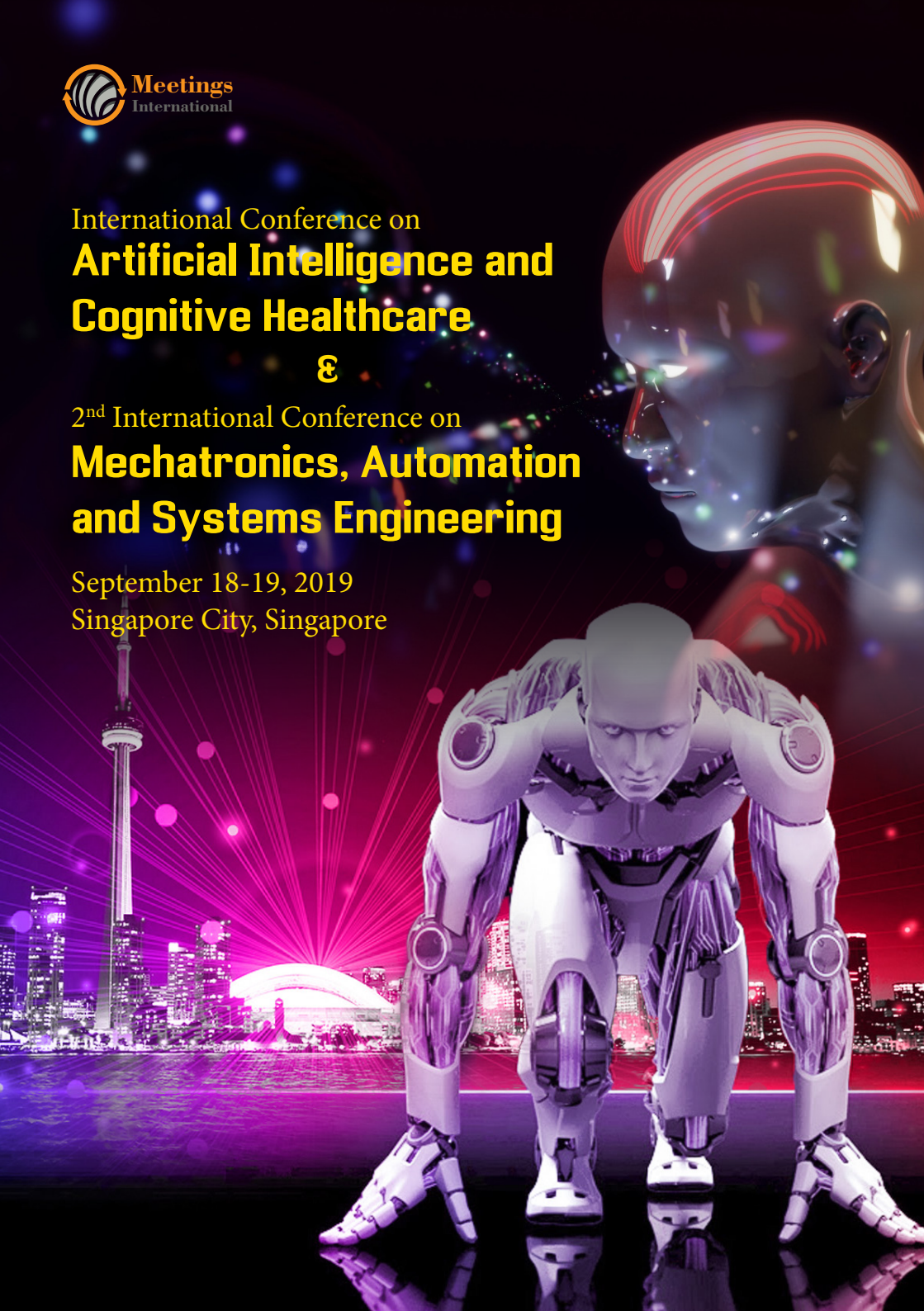
Artificial Intelligence and Cognitive Healthcare

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2nd International Conference on

Mechatronics, Automation and Systems Engineering

September 18-19, 2019
Singapore City, Singapore



September 18, 2019 **Conference Agenda** **Day 1**

Conference Hall: Seletar Room 2, Level 3

09:00-09:30	**Registrations**
09:30-10:00	**Opening Ceremony & Introduction**
10:00-10:40	**Keynote Forum** **Tittle: Deep learning: An EEG-based study of cognitive functions and human emotions** **Roman L Tankelevich**, California State University Long Beach, USA
10:40-11:20	**Tittle: Mechatronics –with mindset of artificial intelligence** **Cheng Siong Chin**, Newcastle University, Singapore
11:20-12:00	**Tittle: The psychological constructs of artificial intelligence and how they might play out in an artificial mind, according to the new Declaration of cooperation on Artificial Intelligence (AI) in Europe** **Javier Fiz Perez**, Psychology at the European University, Italy

Networking & Refreshment Break 12:00-12:15 @ Foyer

Group Photo

12:15-12:55	**Keynote Forum** **Title: Cooperative multi-objective control of heterogeneous vehicle platoon** **Yugong Luo**, Tsinghua University, China

Lunch Break: 12:55 -14:00 @ Foyer

Oral Session I:
Artificial Neural Network and Virtual Intelligence | Robotics and Intelligent System | Big Data Analysis and Data Mining | Cyber Defence and Cyber Security | System Engineering | Microcontroller | IOT (Internet of Things) | Robotics: New Approaches in Automation | Autonomous Technology

Session Chair: **Roman L Tankelevich**, California State University Long Beach, USA
Session Co-Chair: **Cheng Siong Chin**, Newcastle University in Singapore, Singapore

14:00-14:30	**Tittle: Artificial intelligence and its impact on healthcare jobs in the future** **Dennis Anderson**, St. Francis College, USA
14:30-15:00	**Title: Computerized wave tomography as a new tool to monitoring wall thickness loss of steel pipe bends at laboratory condition** **M Y Al-Qaradawi**, Qatar University, Qatar
15:00-15:30	**Title: Hydraulic integration technology for lower limb active prosthetics** **Ahmed Abdellatif Hamed Ibrahim**, Arab Academy for Science and Technology and Maritime Transport, Egypt
15:30-16:00	**Title: Soft actuators and soft robots** **Jian Zhu**, National University of Singapore, Singapore

Networking & Refreshment Break 16:00-16:15 @ Foyer

16:15-16:45	**Title: Big data analytics in military healthcare** **Ogwueleka Francisca Nonyelum**, Nigerian Defense Academy, Nigeria
16:45-17:15	**Title: Evaluation, forecasting and seasonal analysis of an extrusion plastic production variables** **Ezeliora Chukwuemeka Daniel**, Federal Polytechnic, Nigeria

AI & M-01	**Poster Presentations 17:15-17:35** **Title: Deep learning approach for predicting outcomes after hypofractionated stereotactic radiosurgery (SRS) for large brain metastases** **Hyeong Cheol Moon**, Chungbuk National University Hospital, South of Korea

Conference Adjournment

