<table>
<thead>
<tr>
<th>Time</th>
<th>Programme (Tentative)</th>
<th>Session Chair</th>
</tr>
</thead>
</table>
| 09:00 – 10:00 | **Keynote 1:** Building Security and Privacy Assured Deep Neural Networks  
Dr Surya Nepal  
CSIRO Data61, Australia  
Sye Loong Keoh (tbc)                                                                 |                                    |

**Session I**  
10:00 – 10:15 | **JStrack:** Enriching Malicious JavaScript Detection Based on AST Graph Analysis and Attention Mechanism  
Muhammad Fakhrur Rozi (NIICT, Japan), Tao Ban (NIICT, Japan), Seiichi Ozawa (Kobe University, Japan), Sangwook Kim (Kobe University, Japan), Takeshi Takahashi (NIICT, Japan) and Dai Inoue (NIICT, Japan)  |                                    |
|              | **A Segment-Based Layout Aware Model for Information Extraction on Document Images**  
Maizhen Ning, Qiu-Feng Wang, Kaizhu Huang and Xiaowei Huang  
(Xi'an Jiaotong-Liverpool University, China)  |                                    |
|              | **FHTC:** Few-shot Hierarchical Text Classification in Financial Domain  
Anqi Wang, Qingcai Chen and Dongfang Li (Harbin Institute of Technology, Shenzhen, China)  |                                    |

10:45 – 11:00 | **BREAK**  |                                    |

**Session II**  
11:00 – 12:00 | **Keynote 2:** Fighting IoT Cyberattacks: Device Discovery, Attack Observation and Security Notification  
Prof Katsunari Yoshioka  
Yokohama National University, Japan  
Geong Sen Poh (tbc)  |                                    |
|              | **A Comparative Study of Transformers on Word Sense Disambiguation**  
Avi Chawla (Mastercard), Nidhi Mulay (Mastercard), Vikas Bishnoi (Mastercard), Gaurav Dhama (Mastercard) and Anil Kumar Singh (IIT (BHU) Varanasi, India)  |                                    |
|              | **Retinal Vessel Segmentation based on Gated Skip-connection Network**  
Huilxia Yao, Yun Jiang, Tongtong Cheng and Jing Gao  
(Northwest Normal University Lanzhou, China)  |                                    |

12:30 – 13:30 | **LUNCH**  |                                    |
<table>
<thead>
<tr>
<th>Time</th>
<th>Session III</th>
</tr>
</thead>
</table>
| 13:30 – 14:30 | **Invited Talk:** Decentralized Learning for Anomaly Detection: Challenges and Opportunities  
Dr Tianwei Zhang  
School of Computer Science and Engineering, Nanyang Technological University, Singapore |
| 14:30 – 14:45 | **Question Answering over Knowledge Base Embeddings with Triples Representation Learning**  
Zicheng Zuo (Shandong Jiaotong University, China), Zhenfang Zhu (Shandong Jiaotong University, China), Wenzing Wu (Shandong Jiaotong University, China), Qiang Lu (Shandong Jiaotong University, China), Dianyuan Zhang (Shandong Jiaotong University, China) and Wenling Wang (Ludong University, China) |
| 14:45 – 15:00 | **Combining Wikipedia to Identify Prerequisite Relations of Concepts in MOOCs**  
Haoyu Wen, Xinning Zhu, Moyu Zhang, Chunhong Zhang and Changchuan Yin (Beijing University of Posts and Telecommunications, China) |
| 15:00 – 15:15 | **CDMC Winner Presentation:** xxx |
| 15:15 – 15:30 | **CLOSING** |