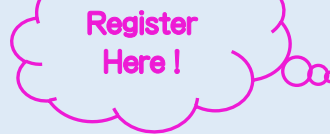
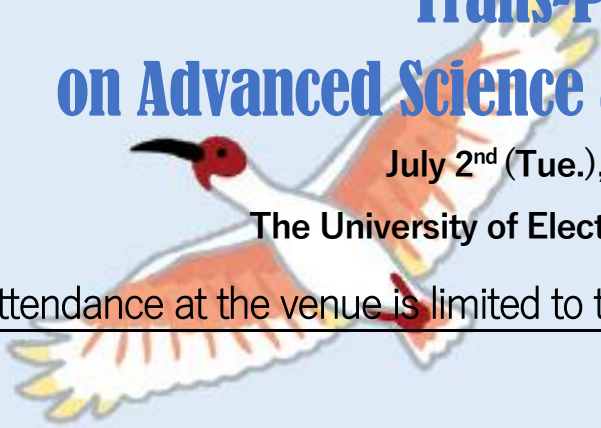


# Trans-Pacific Symposium on Advanced Science and Engineering 2024 in Tokyo

July 2<sup>nd</sup> (Tue.), 2024, 9:30(JST)/12:30(NZST)

The University of Electro-Communications, UEC Observatory

Attendance at the venue is limited to the first 30 people.



## – Time Schedule –

(JST/NZST) Chairman: Dr. Kazuaki Oya, Member of the Board of Directors, UEC

9:30/12:30 Opening Greeting

Dr. Shunichi Tano, President, UEC

## Presentation

9:40/12:40 Semantic Communication for Efficient Image Transmission in Vehicular IoT

Dr. Celimuge Wu, Professor, UEC

10:00/13:00 (being adjusted)

Dr. Patrice Delmas, Associate Professor, UoA

10:20/13:20 Multi-Point Simultaneous Prediction Model for Electron Flux at Geostationary Orbits

Dr. Yasuhide Hobara, Professor, Dept. of Informatics and Network Eng.,  
SSRE (Center for Space Science and Radio Eng.), UEC

10:40/13:40 An Update on the NZ-Japan Joint Project on TrustPC4V/IoT and Future Prospects

Dr. William Liu, Senior Lecturer, Unitec and Manukau Institute of Technology

11:00/14:00 Advancements in Tangram Solution Techniques Using Deep Learning

Dr. Hiroki Takahashi, Professor, UEC  
Dr. Fernanda Miyuki Yamada, Postdoctoral Researcher, UEC

11:20/14:20 Explainable AI for security decisions

Dr. Ian Welch, Associate Professor, VUW

11:20/14:20 Dynamic Speech Chunking based on Self-Information for Chunkwise Streaming  
Speech Recognition using CIF-RNNT

Dr. Yasuhiro Minami, Professor, UEC  
Mr. Teo Wen Shen Doctoral Student, UEC

12:00/15:00 The Reputation Game: Building trust and collaboration in V/IoT

Dr. Kevin Sowerby, Professor, UoA  
Mr. Dev Singh, Professional Teaching Fellow, UoA

12:20/15:20 Closing Remarks

Dr. Celimuge Wu, Professor, UEC

12:30~13:30 Networking Session: only at the venue in UEC (with light meal)

