

Post Event Report on IEEE Circuits and Systems Society Industrial Forum “Cybersecurity in IoT for Mobility”

Hosting Chapter: Singapore Chapter
Main Organizers: Wang Yi and Xuepei Wu

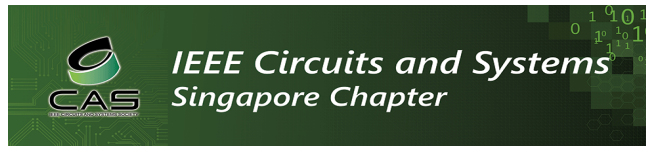
Date: 17th April 2024, Wednesday 8:30am-1:45pm

Venue: Multi-Purpose Hall, Continental Building, 80 Boon Keng Rd 339780



IEEE Circuits and Systems Society (CASS) Singapore Chapter has successfully organized a half-day workshop on 17th April 2024 for CAS Industrial Forum with Continental Automotive Company- Cybersecurity in IoT for Mobility.

The event is opening by Mr. Vincent Wong, Direction of Software and Central Technology from Continental Automotive Singapore and Prof. Yuanjin Zheng, Chair of IEEE CAS Singapore



Chapter with the emphasizing the importance from industry and academic fields. Mr. Wong mentioned that With the increasing complexity and connectivity of modern vehicles, cybersecurity has become a critical aspect of automotive engineering to safeguard against cyber threats and vulnerabilities. Prof. Zheng said that in this fast-paced digital era, the importance of cybersecurity and privacy cannot be overstated. As we embark on this summit, we embrace the mantra that the Future is Now, and indeed, collaboration makes the difference. It is through collective effort and shared knowledge that we can navigate the complex landscape of cybersecurity challenges and shape a safer digital future. He also introduced the IEEE Circuits and Systems Society is the leading organization that promotes the advancement of the theory, analysis, design, tools, and implementation of circuits and systems. And 2024 is remarkable year for CAS with 75th Anniversary!

After this opening, the event started with the following flow:

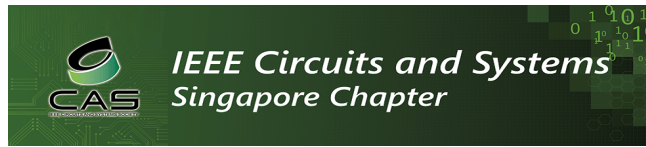
Dr. Michael Kasper, CEO @Fraunhofer, shared invaluable insights into cutting-edge AI in Automotive Cybersecurity strategies. Professor Ruben Niederhagen, hailing from @Academia Sinica, Taiwan delved deep into the Post Quantum Cryptography in mobility security. Niels de Boer from Centre of Excellence for Testing & Research of Autonomous Vehicles – NTU (CETRAN) offered thought-provoking perspectives on autonomous framework mobility in the realm of mobility. Ravi Subramaniam, representing @IEEE Standard Association, USA, shed light on the IEEE AI Ethics Certification and the Social responsibility in autonomous intelligent systems.

Their collective wisdom illuminated pathways for navigating the intricate landscape of cybersecurity in automotive, underscoring the importance of collaboration and innovation in safeguarding our connected future.

Agenda:

Time (SGT)	Agenda
8.30 - 9.30	Registration and Power Breakfast
9.30 - 9.35	Welcome address by Dr Estelle Wang, Head of Product Cybersecurity & Privacy Office, SCT, Continental Automotive Singapore
9.35 - 9.40	Opening message by KF Lo, President, Continental Automotive Singapore
9.40 - 9.45	Introduction by Professor Yuanjin Zheng, Chair, IEEE CAS SG Chapter
9.45 - 10.15	Keynote 1: SDV Mobility by Fraunhofer, Michael Kasper CEO of Fraunhofer Singapore Research Ltd Q&A
10.15 - 10.45	Keynote 2: Post-Quantum Cryptography in Automotive Security By Ruben Niederhagen Associate Research Fellow at the Institute of Information Science at Academia Sinica in Taiwan and Associate Professor at the Department of Mathematics and Computer Science at the University of Southern Denmark Q&A
10.45 - 11.00	<i>Coffee break</i>
11.00 - 11.30	Keynote 3: Autonomous framework on AI by Niels de Boer Chief Operating Officer, Energy Research Institute @ NTU; Senior Programme Direction for Center of Excellence for Testing & Research Autonomous Vehicles (CETRAN) Q&A
11.30 - 12.00	Keynote 4: IEEE standards for AI/Autonomous Driving by Ravi Subramaniam Senior Director (Acting), Global Business Strategy and Intelligence at the IEEE Standards Association, USA Q&A
12.00 - 13.45	Networking Luncheon

Group Photos:



Cybersecurity for IoT in Mobility

Asia Product Cybersecurity & Privacy Summit 2024



Zheng Yuanjin
Professor
Nanyang Technological University



Ravi Subramaniam
Senior Director (Acting)
IEEE Standards Association



Michael Kasper
CEO
Fraunhofer Singapore



Ruben Niederhagen
Associate Professor
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APRIL 17

Multi-Purpose Hall, Continental Building, Singapore



