



Yuming Ge

Senior Engineer

China Academy of Information and Communications Technology



Member since 2017

Non-profit member

Co-chair, Automotive Task Group
Co-chair, China Regional Team
Participant, Technology Working Group and Security Working Group
Participant, Over-the-air Special Interest Group

Why is CAICT a member of IIC?

We, CAICT is a national research institute in China, also a part of the global IIoT ecosystem. The Industrial Internet is one of our key research areas. In order to guide and promote our research, we need to ensure that we understood the integration of information in industrialization and knew the newest global innovations.

We are also building the ecosystem for IIoT in China, that is the Alliance of Industrial Internet (All). We want to make sure that Chinese companies are integrated into the global market. To be member of IIC, we are the bridge between the Chinese industry and the rest of the world.

How has CAICT benefited from being a member of IIC?

IIC membership allows us to see the direction of IIoT and act as a bridge between IIC and Chinese companies. There are a lot of differences between Chinese market requirements and international requirements. IIC membership also allows us to share feedback on market requirements of Chinese companies to fellow members and contribute our CAICT research to IIC. We are also active viewers of IIC testbed activities so that we can learn what the biggest companies are doing and what problems they are solving and share with the Chinese market. We hope to build more IIC testbeds with Chinese companies' involvement.

What do you participate in at IIC?

CAICT is very active in IIC. I am the co-chair of several groups, and focus on three main priorities: (1) the automotive industry; (2) the Industrial Internet Reference Architecture (IIRA) and Industrial Internet Security Framework (IISF); and (3) the market requirements. I follow IIRA and IISF to see how they are being applied to the automotive industry. I participate in the IIC Over-the-air (OTA) Special Interest Group since there are many applications of OTA in the automotive industry. I also share this knowledge with the Chinese partners as a co-chair of the China Regional team.

What advice would you give new members?

You need to be active. Join the meetings and listen, but also follow the discussion and get involved. Discuss the real challenges you and your company are facing. IIC has so many experts who are willing to share their expertise.

I would also recommend you to expand your own network, especially within your region. I frequently talk to global members in Japan and Korea to help building the ecosystem in our region.

