



Member Profile

Yuming Ge

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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 the Industrial Internet Consortium?

CAICT is a national research institute in China are 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 understand the integration of information in industrialization and know 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. As a member of the IIC, we are the bridge between the Chinese industry and the rest of the world.

How has CAICT benefited from being a member of the 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 the 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 this with the Chinese market. We hope to build more IIC testbeds with Chinese companies' involvement.

What do you participate in at the IIC?

CAICT is very active in the IIC. I am the co-chair of two groups, and focus on three main priorities: (1) the automotive industry; (2) the Industrial Internet Reference Architecture (IIRA) and the Industrial Internet Security Framework (IISF); and (3) the market requirements. I follow the 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 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 discussions 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 that you 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.