

Challenges and Opportunities in Advanced R&D at a Global Private Technology Company

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Abstract

In the era of continuing technology acceleration, how to survive is the question that keeps us awake at night. This is probably the exact reason that Huawei has survived over decades and will continue to excel. I will introduce a few research topics of interest to the Information and Communication Technology (ICT) company with some recent update. I will also compare the R&D endeavors between public and private technology companies. As always we look forward to win-win collaborations with distinguished research universities and organizations such as UTSA.

Biography



Dr. Jian Li is a research director and technology strategist in charge of North America region at Huawei Technologies. He was the chief architect of Huawei's FusionInsights big data platform. He is currently leading strategy and R&D efforts in ICT technologies, working with global teams around the world. Before joining Huawei, he was an executive architect and a research scientist with IBM where he worked on advanced R&D, multi-site product development and global customer engagements on computer systems and analytics solutions with significant revenue growth. A frequent presenter at major industry and academic conferences around the world, he holds over 30 patents and has published over 30 peer-reviewed papers. He earned a Ph.D. in electrical and computer engineering from Cornell University. He has also hold adjunct or visiting scholar positions at Texas A&M University, Chinese Academy of Sciences, Tsinghua University among other similar academic roles. In this capacity, he continues to collaborate with leading academic researchers and industry experts.