



Wenhong Tian is a Professor and Ph.D. Supervisor at the University of Electronic Science and Technology of China (UESTC), and holds a Ph.D. in Computer Science from **North Carolina State University (NCSU), USA**. He currently serves as Director of the Advanced Computing Laboratory at UESTC and Executive Director of Sichuan Smart IoT Engineering Research Center.

His research interests include computing resource optimization and scheduling for cloud computing and AI, optimization of large AI model training and inference, and natural language processing and image recognition based on deep learning and their applications. He has made innovative contributions to integrating NP-hard problems into resource scheduling.

He is a Distinguished Member of the China Computer Federation (CCF) and an IEEE Senior Member. He was elected as a Foreign Member of the Serbian Academy of Sciences (2025), and has been selected for the first batch of the "Western Light" Talent Program of the Chinese Academy of Sciences and the Chengdu Distinguished Expert Program (Rongpiao Plan).

With over 20 years of dedicated experience in industry-university-research integration, his research achievements have been deployed in the production processes or products of leading enterprises such as Huawei and Tencent, generating significant social and economic benefits. As the technical lead, he has spearheaded the development of multiple groundbreaking products with independent intellectual property rights, including intelligent data center optimization and scheduling systems, cloud aggregation intelligent agents, and intelligent psychological assessment systems. These innovations have been applied directly or indirectly at UESTC, Siemens Chengdu, Huawei Technologies, Chengdu Zhongke Yunji Information Technology Co., Ltd., and other institutions.

He has successfully recruited 3 National Distinguished Expert and 3 provincial/municipal distinguished experts, while cultivating over 120 master's and doctoral students. Additionally, as a technical consultant to HuiXiang Xingchen (Chengdu) Technology Co., Ltd., he has facilitated the company's rapid growth over the past three years, with annual sales exceeding 10 million

RMB, helping it achieve status as a specialized and innovative high-tech enterprise ("Little Giant" enterprise).

题目: Top Challenges in LLMs.

摘要: This talk will summarize a few top challenges in LLMs, and discuss their challenges and possible solutions. Especially we will introduce the first Traditional Chinese LLMs (called WenYanLLMs) in the world including its QA, text generation, text to picture and text to video functions.