		Recent Photo
Full Name (English):	Wei Pu	
Affiliated Institution and Title (English):	University of Electronic Science and Technology of China, Professor	

Biography
(Please provide in paragraph form within 500 words.)

Wei Pureceived the B.S. and Ph.D. degrees in electronic engineering from the University of Electronic Science and Technology of China (UESTC), Chengdu, China, in 2012, and 2018, respectively. he was a visiting student with the Department of Electrical Engineering, Columbia University, USA, and a research fellow at University College London (UCL), UK. He was a recipient of the Newton International Fellowship from the Royal Society, UK. He is a Professor with UESTC now. His research interests include synthetic aperture radar, sparse signal processing and deep learning.

Speech Title (English):

Artificial Intelligence (AI) for SAR imaging

Speech Abstract
(Please provide in paragraph form within 500 words.)

Deep learning-based Synthetic Aperture Radar (SAR) imaging technology drives the innovation of traditional SAR imaging toward high accuracy, efficiency and adaptability through the deep integration of Artificial Intelligence (AI) and radar signal processing. Addressing challenges in complex scenarios—such as traditional methods' reliance on fixed algorithms, limited anti-interference capabilities, and insufficient processing efficiency—this report systematically explores new AI-empowered SAR imaging paradigms. It analyzes the technology's application potential in fields like disaster emergency monitoring and prospects its future development directions.