



Dr. Dijiang Huang obtained his Bachelor of Science degree in Telecommunications from Beijing University of Posts & Telecommunications. He earned his Master of Science and Ph.D. degrees in Computer Science from the University of Missouri-Kansas City. Currently, he serves as the Chief Research Scientist at the Beijing Academy of Blockchain and Edge Computing (BEAC). Dr. Huang previously led the Secure Networking and Computing (SNAC) research group at Arizona State University where he focused on advancing computer, mobile, edge, cloud, and network security. His current research interests include autonomous cyber defense, user-centric security, AI security, and blockchain and distributed system security.

Dr. Huang has authored two professional books and one textbook and holds 10 U.S. patents. His extensive body of work includes over 200 peer-reviewed publications. Throughout his career, he has secured approximately \$25 million in basic and applied research awards, with a personal contribution of around \$11 million. His research has been supported by federal agencies such as the NSF, ONR, ARO, and NATO, alongside industry partners like Hewlett-Packard and China Mobile. This support has successfully assisted him to graduate 17 Ph.D. students—five of whom are now assistant professors—and 26 Master thesis students.

Dr. Huang's career has been recognized with several prestigious awards, including the IEEE Communications Society Distinguished Lecturer, the Office of Naval Research Young Investigator Award, the Japan Society for the Promotion of Science Research Fellowship, and the Hewlett-Packard Innovation and Research Program Award. Beyond academia, Dr. Huang is a proven entrepreneur, having co-founded Athena Network Solutions LLC and CyNET LLC, and has been honored as an ASU Fulton Entrepreneurial Professor for his significant contributions to technology transfer.

Dr. Huang's dedication extends to the professional community, where he has served more than ten years in the IEEE Internet Technical Committee (ITC), including a term as Chair. He has played a key role in organizing and leading over 40 IEEE and ACM conferences and workshops and has served on four international journal editorial boards and participated in three IEEE technical working groups. He is a member of National Academy of Inventors (NAI), and a senior member of both IEEE and ACM.

Research Seminar Abstract: Intelligent Edge System Security

In this seminar, Dr. Dijiang Huang will begin by providing an overview of his academic background, detailing his research interests, funding successes, and accomplishments in mentoring and teaching. The presentation's main focus will explore his "intelligent edge system security" research, highlighting key findings and outcomes from several major research investigations. Additionally, Dr. Huang will showcase several past and ongoing projects to illustrate the active and dynamic nature of his research endeavors. Building on this, Dr. Huang will present his contributions to cybersecurity education, emphasizing his commitment to problem-based learning and how it informs his educational philosophy. The seminar will

conclude with Dr. Huang's future research directions and how to integrate his research into his vision and strategic goals for CSI.