

# 13th Turkish National Software Engineering Symposium Invited Talk: Touching an Intelligent World

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**Abstract.** With current development of artificial intelligence (AI) and data science, "AI + Industry" will generate new ecosystems and new business models. Huawei aims to build a fully intelligent connected world. Huawei Turkey RD center, as the 2nd largest software RD center outside China, is taking a lot responsibilities in developing software for internal Huawei baseline products as well as local and global customers. During this presentation, I will introduce Huawei, Huawei Turkey RD center, software development in Huawei especially in AI applications. Several uses cases and on-going projects will also be discussed.

**Biography.** Lina Cao studied B.S. in Chemical Physics at University of Science and Technology of China. She received her Ph.D. in Optics from Columbia University in New York. She worked as a postdoctoral researcher in University of Chicago and Argonne National lab for two years. Dr. Cao had working experience as senior engineer in Seagate Technology, faculty member in Karadeniz Technical University and Sabanci University. Currently she is working as Technical SE and Project Manager for Technology Innovation Department at Huawei Technology. Her research experience includes professional software development in optical domain, Web development technologies, AI and big data-related algorithms. Dr. Cao has 3 US patents, several journal publications and more than two hundreds citations.