ICON Research Area and Interests

Our research interests are in all aspects of Internet of Things (IoT) networks and systems, from the physical layer to the application layer. ICON research group develops software-hardware systems that deliver ubiquitous sensing, efficient computing, and wireless communication at scale. We borrow techniques from diverse areas including computer networks, machine learning, signal processing, hardware design, RF circuits, and HCI. Our current research projects mainly focus on "mmWave networks for IoT" and "ubiquitous sensing with RFID" [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15].

References


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