Wireless and Mobile Communications
- Radio communications, spectrum utilization, and mobile edge computing for NextG systems
- AI autonomy to support systems’ security, reliability, and adaptability

Artificial Intelligence (AI) Applications
- AI vision for autonomous driving and industrial automation
- AI molecule design for drug discovery
- AI inference at the edge

Sustainable Internet of Things (IoT)
- Energy-efficient communications and data analytics for IoT
- IoT reliability and security