

Group of Autonomous, Intelligent Network and Security



Autonomous Network

- Satellites, Drones & Self-driving Vehicles
- Autonomous Control & Decision Making
- Task Planning & Resource Coordination
- Resilient & Self-Healing

Edge Intelligence

- Distributed Artificial Intelligence
- Mobile Edge Computing
- Intelligence Internet of Things
- Integrated Sensing, Communication & Computation

Network Security

- Physical Layer Security
- Privacy Preservation Over Wireless Systems
- Adversarial Modeling and Anomaly Detection



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Bridging the Digital Divide with Next Generation Networks

- NextG Wireless Communication
- Non-terrestrial Networks
- AI-Native and Semantic Communication