AI:

* reinforcement learning (RL)
* Robotic systems
* Machine learning
* Autonomous systems
* Deep Neural network
* Explainable AI (XAI)
* Interpretable machine learning
* Internet of Things
* Smart City
* Automotive engineering,
* Intelligent vehicles
* Fuzzy logic systems
* Explainable machine learning
* Trustworthy machine learning

FM:

* Model-Checking and Theorem Proving
* Runtime verification
* Formal synthesis
* Deductive Verification
* Design by Refinement
* Proof assistants
* Semantic Statis Analysis
* Formal Verification
* Evaluation
* Blockchain technology
* Anomaly Detection
* formal verification and validation (FV&V) techniques
* SAT/SMT/CP solvers