

## Robotics Application

Single robot

UAV Navigation  
Mobile Car Delivering  
Pipe Inspection

*To be continue ...*

Swarm robots

Objects Transportation  
Auto-driving

*To be continue ...*

## Deployment

Hardware

Mechatronics  
Soft pipe robot

*To be continue ...*

Software

Path Planning  
Collision Avoidance  
Defects Detection (Vision)  
Obstacle Detection (Lidar)

*To be continue ...*

## Simulation

Mobile Manipulator Middleware  
Kinematics and Dynamics Modelling