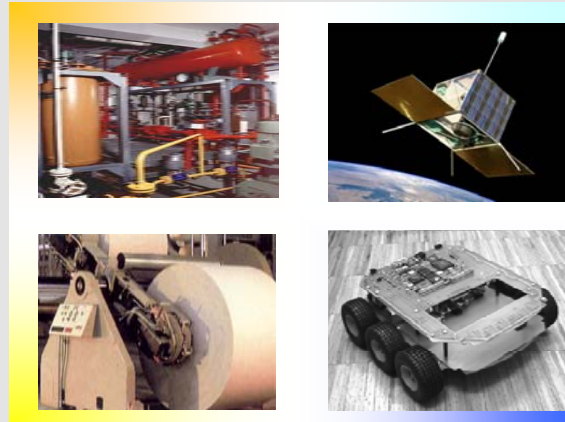


## Automation Systems Design

Systems Modeling UML, XML  
Performance Analysis  
Model Based Discrete Event Control  
Modeling & Simulation of Mechatronic Systems

## Closed Processes

Modeling & Simulation  
Process Control  
Process Measurement



## Teleautomation

Internet Technologies for Control & Monitoring  
Web-based e-Learning

## SPS & Motion Control

IEC-Languages



Industrial Automation

## Navigation

Visual Navigation  
Localization & Mapping  
Data Fusion

## Mobile Robotics

Sensors  
Motion Control  
Visual Servoing  
Trajectory Planning

## Optical Computers Opto-Mechatronics

Optical Fourier Processors  
Optical Correlators  
Smart Imaging Systems  
Surface Inspection



Robotics & Mechatronics