Summer School

School of Automation, Southeast University

Intelligence and Advanced Control

http://automation.seu.edu.cn/

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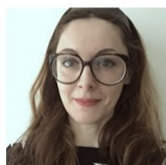May 20, 2022

deadline
June 20, 2022

"Cloud" Internship

guided by foreign and domestic tutors

A dosens of Research Projects
Waiting for you!!

Robotic control
Human Pose Estimation
Smart City
Task Optimization
Optimal Control of Linear system
Human–Computer Interaction

The course contents

Data Science for intelligent system   32H /1.5 credits

Data types, data quality, and similarity measures
The decision models
Classification techniques
Correlation analysis
K means, DBSCAN, hierarchical clustering

WANG HAI
Saint Mary´s University, Canada

Advanced Control in Complex Industrial Process   32H /1.5 credits

Complex systems, model predictive control
Advances control methodologies.
Intelligent optimization methods by MATLAB
Applications of advanced control
Optimization techniques into practical problems.

NIE XIAOKAI
Southeast University, China

Intelligent Network and Information Engineering   32H /1 credits

Web programming, Web site structure and HTTP protocol
HTML, JavaScript, VBScript, C#
ASP and ASP.net.
Database access.

Master Lectures

Danica Kragic Jensfelt
Member of the Royal Swedish Academy of Sciences
KTH Royal Institute of Technology

Fei Fang
Carnegie Mellon University
America

Christos G. Cassandras
IEEE Fellow,
Boston University, America

Alessandro Astolfi
IEEE fellow,
Imperial college London, UK Canada