

EE-803

**Optimal networked control**

Jones Colin

<b>Cursus</b>	<b>Sem.</b>	<b>Type</b>
Electrical Engineering		Obl.
Robotics, Control and Intelligent Systems		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Oral presentation
Workload	30h
<b>Hours</b>	<b>30</b>
Courses	24
Exercises	6
<b>Number of positions</b>	<b>26</b>

**Frequency**

Only this year

**Remark**Registration via <https://sites.google.com/view/optcontrol-infr-nets/home>**Summary**

This summer school will focus on large-scale optimization and its applications in the control and operation of the infrastructure networks, in particular it will build comprehensive framework from theory to their specific applications for doctoral candidates.

**Content**

The summer school features large-scale optimization and distributed control with a special focus on applications in both power systems and transportation systems.

Our featured topics include the following:

- a) Distributed non-convex optimization
- b) Distributed control theory
- c) Control and optimization in power systems
- d) Control and optimization in transportation systems.

**Keywords**

Optimization, distributed control, networks.