

Siegmundsburg Workshop

Oberseminar Systemtheorie

6. September und 7. Juli 2020



Ilmenau, Thüringen

98693 Ilmenau, Weimarer Str. 25

Faradaybau, Raum F 3001

PROGRAMM

Talks before the seminar

14.05	Karl Worthmann	Model Predictive Control (MPC): introduction
20.05	Friedrich Philipp	The Koopman operator: part I
27.05	Friedrich Philipp	The Koopman operator: part II
03.06	Friedrich Philipp	The Koopman operator: part II.5
03.06	Karl Worthmann	Support Vector Machines (SVM): part I
05.06	Philipp Sauersteig	Adaptive control
10.06	Karl Worthmann	SVM: part II
12.06	Karl Worthmann	Lyapunov functions: introduction
17.06	Karl Worthmann	SVM: part II.5
23.06	Friedrich Philipp	Bayesian optimization

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9:00	Philipp Sauersteig	Stochastic gradient descent: part I
10:30		<i>Kaffeepause</i>
11:00	Philipp Sauersteig	Stochastic gradient descent: part II
12:30		<i>Mittagessen (Aladin)</i>
13:30	Philipp Sauersteig	Stochastic gradient descent: part III
15:00		<i>Kaffeepause</i>
15:30	Karl Worthmann	Relaxed dynamic programming
18:00		<i>Joint dinner (Tanne)</i>

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08:30	Philipp Sauersteig	Stochastic gradient descent: part IV
10:00	Manuel Schaller	Interval turnpike property

Talks after the seminar

17.07	Mitsuru Wilson	Koopman: global stability analysis
21.07	J. Schumacher	Introduction to thermodynamics
21.07	Friedrich Philipp	Reinforcement learning
19.08	Frédéric Haller Hannes Gernandt	On dissipative relations and pH DAEs
20.08	Thomas Böhme	Curves in a Ball