

# Siegmundsburg Workshop

## Oberseminar "Mathematische Systemtheorie"

24. September und 25. September 2018



## Ilmenau, Thüringen

98693 Ilmenau, Weimarer Str. 25

Curiebau, Raum C 113

## PROGRAMM

24. September		
09:00	Kateryna Sapozhnikova	Stability of systems with dynamics depending on the maximum of solutions over a prehistory
09:45	Oscar Cieza-Aguirre	IDA-PBC for implicit port-Hamiltonian systems
10:30	<i>tea &amp; cookies</i>	
11:00	Anton Ponomarev und Julian Hofmann	Compensation of input delays
11:45	Jochen Schmid	Stabilization of port-Hamiltonian systems by nonlinear boundary control in the presence of disturbances
12:30	<i>lunch: Vinh Loc Marktstraße 9, 998693 Ilmenau</i>	
12:30	Business-Lunch: Strategietreffen für alle Interessenten	Themen: <ul style="list-style-type: none"> <li>nächstes Treffen</li> <li>Systemtheorie in Ilmenau/Würzburg/Erfurt</li> <li>Drittmittelaktivitäten</li> </ul>
Graph and network afternoon		
14:30	Markus Weber	Hochverstärkungsbeobachter
15:15	Carsten Trunk	On networks
15:50	<i>tea &amp; cookies</i>	
16:20	Hannes Gernandt	On network redesign
17:05	Thomas Böhme	Relevant topics in graph theory?
18:00	<i>meeting in front of Curie building – walk to the railway station</i>	
18:18	<i>Departure train to Arnstadt</i>	
19:00	dinner: Tanya Harding ( <a href="http://www.tanyaharding.de">www.tanyaharding.de</a> ) Schulgasse 1, 99310 Arnstadt	

## PROGRAMM

25. September		
09:00	Tom Mehner	Adaptive Identifikation
09:45	Matti Noack	Modulating function Kernel selection for unknown input reconstruction and optimal system identification
10:30	<i>tea &amp; cookies</i>	
11:00	Wafa Selmi	On a characterization of the M-essential spectra of an operator matrix with non diagonal domain
11:45	Jonas Witschel	Robustheit von Stabilität bei DAEs
12:30	<i>lunch</i>	
14:00	Dmitry Strelnikov	Sturm-Liouville integral systems
14:45	Christoph Weise	Observer with improved convergence for a class of initialized FO-LTI systems
15:30	closing	