

Siegmundsburg Workshop

Mathematische Systemtheorie

24. – 26. Februar 2016



Siegmundsburg, Thüringen

Sergey Dashkovskiy
FH Erfurt

Achim Ilchmann
TU Ilmenau

Carsten Trunk
TU Ilmenau

PROGRAMM

Mittwoch, 24. Februar 2016

15:00	Vladimir Derkach	Boundary triplet approach to spectral problems for indefinite Sturm-Liouville operator
16:00	Kateryna Sapozhnikova	Systems with dynamics depending on maximum of the solution over a time interval
17:00	Achim Ilchmann	On outer functions
18:00	<i>Abendessen</i>	

Donnerstag, 25. Februar 2016

09:00	Hannes Gernandt	Rank one perturbations of regular matrix pencils
10:00	Florian Büttner	Second-order differential operators and PT-symmetric quantum mechanics
11:00	Leslie Leben	Non-negative operators in Krein spaces and rank one perturbations
12:30	<i>Mittagessen</i>	
15:00	Carsten Trunk	Numerical and quadratic numerical range of operator matrices arising in hydromechanics
16:00	Philipp Schmitz	Bounds on the non-real spectrum of indefinite Sturm-Liouville operators
18:00	<i>Abendessen</i>	

Freitag, 26. Februar 2016

09:00	Christoph Weise	Observer Design for Fractional Order LTI Systems (Caputo Type)
10:00	Petro Feketa	Input-to-state stability of impulsive systems with different jump maps
11:30	<i>Mittagessen</i>	