

Session Program

6-8 Nov 2019



METT VIII - 8th Workshop on Matrix Equations and Tensor Techniques

Day II

MPI Magdeburg, Prigogine
MPI for Dynamics of Complex Technical Systems Sandtorstr. 1 39106 Magdeburg

Thursday 7 November

09:25

Day II: Session I

Session |

Location: MPI Magdeburg, Prigogine, MPI for Dynamics of Complex Technical Systems Sandtorstr. 1 39106 Magdeburg |

Convener: Valeria Simoncini

09:25–09:50

On the Solution of the Nonsymmetric T-Riccati Equation

Speaker

Peter Benner

09:50–10:15

On the efficient solution of large-scale algebraic Riccati equations with banded data

Speaker

Davide Palitta

10:15

10:45

Day II: Session II

Session |

Location: MPI Magdeburg, Prigogine, MPI for Dynamics of Complex Technical Systems Sandtorstr. 1 39106 Magdeburg |

Convener: Beatrice Meini

10:45–11:10

Riccati-Feedback for a Class of Structured DAEs

Speaker

Björn Baran

11:10–11:35

Order reduction methods for solving large-scale differential matrix Riccati equations

Speaker

Gerhard Kirsten

11:35–12:00

Differential Riccati Equation - A Galerkin Approach

Speaker

Maximilian Behr

12:00

13:30

Day II: Session III

Session |

Location: MPI Magdeburg, Prigogine, MPI for Dynamics of Complex Technical Systems Sandtorstr. 1 39106 Magdeburg |

Convener: Jens Saak

13:30–13:55

Matrix equations. Application to PDEs

Speaker

Valeria Simoncini

13:55–14:20

An efficient model reduction strategy for discrete-time index-2 descriptor control systems

Speaker

Mohammad Sahadet Hossain

14:20–14:45

Quadratic matrix equations arising in two-dimensional random walks

Speaker

Beatrice Meini

14:45