

Schedule



Functional Analysis Retreat

02 – 05 March 2026

CVJM-Bildungsstätte, Bundeshöhe 7, 42285 Wuppertal

Monday, 02 March

11:00-12:00 Arrival, Coffee & Tea
12:15 Lunch

Afternoon Session

Chair: Phillip Kroker

13:30-14:20 **Pascal Heymoß:**
The Sum of Two Squares Problem

14:30-15:00 **Tolgahan Tasci:**
Some Grönwall Inequalities

15:00-15:45 Coffee, Tea & Cake

15:45 Group Photo

16:00-16:30 **Rogelio Arancibia Bustos:**
On the generalization of a delay port-Hamiltonian system

16:30-18:00 Collaborative Work Session

18:00 Dinner

20:00-22:00 Team Building & Problem Solving

Tuesday, 03 March

8:00 Breakfast

Morning Session

Chair: Pascal Heymoß

09:00-09:40 Jochen Glück:
Something I Always Wanted to Understand about the Numerical Range

9:40-10:10 Alexander Wierzba:
Everything You Never Wanted to Know about BIBO

10:10-10:50 Coffee & Tea

10:50-11:30 Mehmet Erbay:
Differential Algebraic System Nodes - An Introduction

11:30-12:00 Ikram El Haskouki:
On Stability of Linear Systems with Delay

12:15 Lunch

13:30 Excursion

15:45-16:30 Coffee, Tea & Cake

Afternoon Session

Chair: Hannes Wagener

16:30-17:20 Kaja Krhac:
Discretization of Exterior Calculus and its Application to Numerically Solving PDEs

17:20-18:00 Phillip Kroker:
The Spectrum of Lifted Operators on Free Banach Lattices

18:00-19:00 Collaborative Work Session

19:00 BBQ

20:00-20:30 Discussion About Future Topics and Activities @FAN

20:30-22:00 Team Building & Problem Solving

Wednesday, 04 March

8:00 Breakfast

Morning Session

Chair: Tolgahan Tasci

09:00-09:40 Daniel Jannik Happ:
Some Spectral Theory for Families of Commuting Normal Operators

9:40-10:10 Hannes Wagener:
Banach Space-Valued Holomorphic Functions

10:10-10:50 Coffee & Tea

10:50-11:30 Mariem Jakhoukh:
Controllability and Observability

11:30-12:00 Merlin Schmitz:
Higher Order Splitting

12:15 Lunch

Afternoon Session

Chair: Rogelio Arancibia Bustos

14:15-15:00 Coffee, Tea & Cake

15:00-15:40 Jonathan Mui:
TBA

16:00-17:00 pHs Seminar: Federico Califano (U. Twente):
A Geometric Perspective on port-Hamiltonian Systems

17:00-18:00 Collaborative Work Session

18:00 Dinner

19:00-22:00 Theoretical Consideration of the N-Body Problem Practically Substantiated

Thursday, 05 March

8:00 Breakfast
9:00-9:15 Checkout!

Morning Session

Chair: Kaja Krhac

09:15-9:55 **Christian Wyss:**
The Stability Radius of a Class of port-Hamiltonian Systems

9:55-10:25 **Birgit Jacob:**
On Singular Differential Algebraic Equations in Hilbert Spaces

10:25-11:05 Coffee & Tea

11:05-11:45 **Marco Roschkowski:**
A Lyapunov-Type Technique for the Short-Time Asymptotics of Hypocoercive Systems

11:45-12:15 **Abdelhakim Dahmani:**
Dynamic Boundary Conditions in Non-Reflexive Spaces

12:15 Lunch

13:30-14:00 Coffee & Tea

Afternoon Session

Chair: Marco Roschkowski

14:00-14:30 **Jens Wintermayr:**
TBA

14:30-15:00 **Julian Hölz:**
TBA

15:00-15:30 Closure and departure
