

Schedule for International Symposium **ULRIKE** (as of 09/25/25)

Sep. 25, Thursday (ICBM room W15 1-146)

12:45 - 13:00	Katharina Pahnke Oldenburg, Germany	Welcome by ICBM director and opening of the symposium
13:00 - 13:30	Jürgen Kurths Potsdam, Germany	Complex Systems Science: from Sofya K. to Ulrike F. - from Theory to Real-World Problems
13:30 - 14:00	Ying-Cheng Lai Phoenix, USA	Generalized paradox of enrichment: Noise-driven rare rarity in degraded ecological systems
14:00 - 14:30	Hannes Uecker Oldenburg, Germany	Numerical bifurcation analysis for geometric PDEs
14:30 - 15:00	Elbert Macau San Jose dos Campos, Brazil	Predicting extreme events in time series of chaotic dynamical systems using machine learning techniques
15:00 - 15:30	Coffee break	
15:30 - 16:00	Aleksandra Lewandowska Helsinki, Finland	Towards understanding the feedback loops between climate and marine plankton biodiversity
16:00 - 16:30	Eckehard Schöll Berlin, Germany	Synchronization Scenarios in Complex Networks: from Brain Dynamics to Power Grids
16:30 - 17:00	Rafael Vilela San Jose, Brazil	Dynamics and sorting of run-and-tumble particles in fluid flows with transport barriers
17:00 - 17:30	Alessandro Cotronei Tromsø, Norway	Contributions of supraglacial lakes to the Greenland ice sheet melting
17:30	Dinner on your own	

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Sep. 26, Friday (ICBM room W15 1-146)

09:00 - 09:30	Everton Santos Medeiros Rio Claro, Brazil	Local control for the collective dynamics of self-propelled particles
09:30 - 10:00	Arkady Pikovsky Potsdam Germany	Nonlinear dynamics behind deterministic and stochastic turbulence
10:00 - 10:30	Aneta Koseska Bonn, Germany	Characterization of transient dynamics in natural systems
10:30 - 11:00	Coffee break	
11:00 - 11:30	Emilio Hernandez-Garcia Palma de Mallorca, Spain	Anticipating tipping points by percolation on networks
11:30 - 12:00	Bob Kooi Amsterdam, The Netherlands	Coral reef recovery: link sensitivity-bifurcation analysis
12:00 - 12:30	Tomasz Kapitaniak Lodz, Poland	Desynchronous states of coupled oscillators
12:30 - 13:00	Photo of symposium participants	
13:00 - 14:00	Lunch	
14:00 - 14:30	Ram Ramaswamy Delhi, India	Higher dimensional generalization of the Stuart Landau system
14:30 - 15:00	Tamás Tél Budapest, Hungary	What can experimental physics learn from cutting-edge simulations of the changing climate?
15:00 - 15:30	Stefanie Moorthi Osnabrück, Germany	Extreme events in plankton communities - causes and consequences of harmful algal blooms in a food web context
15:30 - 16:00	Thilo Gross Oldenburg, Germany	The most robust network with given mean degree
16:00 - 16:30	Coffee break	
16:30 - 17:00	Klaus Lehnertz Bonn, Germany	Understanding the generation of extreme events - from protoevents to tipping subnetworks
17:00 - 17:30	Syamal Kumar Dana Kolkata, India and Lodz, Poland	Extreme multistability to Tipping: A journey of 15 years together
17:30 - 18:00	Celso Grebogi Aberdeen, UK	Unpredictability in Dynamics
18:00 - 23:00	Farewell-Party	

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Social Event for ULRIKE

location: ICBM ground floor (ICBM lobby & W15 0-023/027)

Conference Dinner: buffet (starts approx. 6:00 p.m.)

Personal contributions: slides & anecdotes (starts approx 8:00 p.m.)

(if you intend to present some slides please contact [Jan Freund](#))

online participation is possible via BBB-meeting:

<https://meeting.uol.de/rooms/1va-vjq-bv4-w3f/join>

(ending by 11:00 p.m.)