

Lectures for the PhD students organized within the integrated research training group of the CRC 910

Topic	Lecturer	Time/Duration
Introduction to coupled Kuramoto oscillators with higher-order interactions	Sarika Jalan (IIT Indore, IN)	2 Lectures, December 2022
Introduction to Complex Networks	Albert Diaz-Guilera (TU Berlin, Universitat Autònoma de Barcelona, ES)	2 Lectures, July 2022
About Causal Models and Quantum Stochastic Processes: Does Time-Delayed Feedback turn Markovian into non-Markovian Dynamics?	Philipp Strasberg (TU Berlin, Universitat Autònoma de Barcelona, ES)	2 Lectures, June 2022
Dissipative mode theories of classical and quantum optical open systems: a quasinormal mode approach	Stephen Hughes (TU Berlin, Queen's University, Kingston, CA)	2 Lectures, May 2022
Equations of fluid mechanics with random data	Eduard Feireisl (TU Berlin, Czech Academy of Sciences, Prague, CZ)	2 Lectures, April 2022
Fundamentals and methods of design and control of complex systems (Introductory Lecture Course - Part Two)	project leaders of CRC 910	10 Lectures, November 2020 – January 2021
Fundamentals and methods of design and control of complex systems (Introductory Lecture Course - Part One)	project leaders of CRC 910	10 Lectures, October 2019 – January 2020
Applied Dynamical Systems Theory	Rainer Klages (TU Berlin, Queen Mary University London, UK)	10 Lectures, April – July 2019