

Deciphering with Chaos, Bad Honnef Physics School, 7-12 August 2022

<i>Time</i>	<i>Sunday</i>	<i>Monday 08 Aug</i>	<i>Tuesday 09 Aug</i>	<i>Wednesday 10 Aug</i>	<i>Thursday 11 Aug</i>	<i>Friday 12 Aug</i>	
08:00	Arrival	Breakfast					
09:00 – 10:30		Pedro Ribeiro <i>Quantum Chaos: I</i>	Pedro Ribeiro <i>Quantum Chaos: II</i>	Sergej Flach <i>Chaos and thermalization in many-body systems: I</i>	Sergej Flach <i>Chaos and thermalization in many- body systems: II</i>	Serhiy Yanchuk <i>Introduction to adaptive networks: II</i>	
10:30		Break					
11:00 – 12:30		Jürgen Kurths <i>Time series analysis: Exploring and predicting extreme climate events</i>	Sarika Jalan <i>Coupled Kuramoto oscillators on simplicial complexes</i>	Pedro Lind <i>Modelling complex processes with stochastic equations: I</i>	Serhiy Yanchuk <i>Introduction to adaptive networks: I</i>	Veronika Stolbova (Zoom) <i>Climate change and financial networks: from theory to practice</i>	
12:30		Lunch					
14:00 – 15:30		Vasily Zaburdaev <i>Random walks as a tool to model complex spatio-temporal phenomena</i>	Claudia Lainscsek <i>Delay differential analysis of EEG data</i>	Excursion		Pedro Lind <i>Modelling complex processes with stochastic equations: II</i>	Departure
15:30		Break		Break			
16:00 – 18:30		Poster Session I	Sara Hallerberg <i>Critical transitions and their applications</i>	David Luitz <i>Observing hierarchy of dissipation timescales on IBM quantum computers</i>			
18:30		Dinner					
20:00				Free discussion: Lectures & students	Free discussion: Lectures & students		