

UNIVERSITÄT
BAYREUTH

Know what your U can do!

Get first-hand insights into the many
digital competences on your campus!

Prerequisites: curiosity.

Digital Sciences at UBT

brought to you by researchers of the University of Bayreuth

Graduate Lecture Series with various
perspectives on digital sciences from

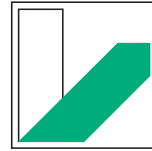
- Philosophy
- Mathematics
- Economic Theory
- Physics
- Life Sciences

Fri 14–16 ct (starting Oct 21, 2022)

S 104 FAN-B

University of Bayreuth

email: joerg.rambau@uni-bayreuth.de · phone: 0921 55-7350



Program W2022/2023

with modifications as of 2022/10/20

2022

10/21	Jörg Rambau	Mathematics	Trailer
10/28	Jörg Rambau	Mathematics	Discrete Optimization
11/04	Harald Oberhofer	Physics	Materials Design based on Machine Learning Methods
11/11	Kurt Chudej	Mathematics	Modeling, Simulation, and Optimization of Diseases
11/18	Barnaby Crook	Philosophy	A History of AI in 10 Concepts
11/25	Aldo Faisal	Digital Health	AI in Health Care
12/02	Aldo Faisal	Digital Health	Human-in-the-Loop AI
12/09	Aldo Faisal	Digital Health	Neuro-AI
12/16	Martin Weibelzahl/ Marc Fabian Körner	Business & Information Systems Engineering	Artificial Intelligence for a Sustainable Economy and Society

2023

01/13	Lars Grüne	Mathematics	Optimal Control
01/20	Anton Schiela	Mathematics	Optimization with Differential Equations
01/27	Mario Larch/ Mirko Schönfeld	Economic Theory/ Data Modelling	Application of Network Methods to Economic Questions
02/03	Lena Kästner	Philosophy	Explainable AI – What is it and do we really need it?
02/10	Arthur Fleig	Computer Science	Applied Mathematics in Human-Computer Interaction