

Aufbaumodule/Mastercourses SS2025

Remark: The courses offered in English are marked with **yellow**

	Montag	Dienstag	Mittwoch	Donnerstag	Freitag
08:00-09:30		Modern Methods in Combinatorics	T Splitting Meth. for Evolution Eq. Continuous Time Finance	T Time series Analysis	T Statistical Learning Scattering Theory
09:45-11:15	Spectral Theory Statistical learning Adaptive Finite Element Methods Algebraische Zahlentheorie	Sobolev spaces Continuous Time Finance Fluid dynamics Simulation Lab Ü algebraische Zahlentheorie	Analytical and Num. homogenization Differential Geometry Time Series Analysis Diskrete Dynamische Systeme Praktikum Einf. Wiss. Rechnen	Differential Geometry Markov Decision Processes Ü Grundlagen Kontinuummmechanik	Spectral Theory Geometric Group Theory Fluid dynamics Simulation Lab Ü Perkolation
11:30-13:00	T Geometric Group Theory Analytical and Num. homogenization Generalisierte Regressionsmodelle Praktikum Einf. In das wiss. Rechnen	Stochastic Geometry Scattering Theory Rand- und Eigenwertprobleme	Sobolev spaces Statistical learning Einführung in das Wiss. Rechnen	Topics in Algebraic Topology Adaptive finite Element Methods Perkolation	Topics in num. linear Algebra T Sobolev spaces Algebraische Zahlentheorie Ü generalisierte Regressionsmodelle
14:00-15:30	Topics in numerical linear Algebra T Differential Geometry Bayesian Inverse Problems Einführung in Python	Forecasting Theory and Praxis II Grundlagen der Kontinuummmechanik	T Modern Methods in Combinatorics T Markov Decision Process Ü Rand- und Eigenwertprobleme	T Continuous Time finance Geometric Group Theory	T uncertainty quantification T Forecasting Theory and Praxis II Rand- und Eigenwertprobleme
15:45-17:15	Scattering Theory T Stochastic Geometry Praktikum Einf. in das Wiss. Rechnen	T Adaptive finite Element Methods T Bayesian Inverse Problems Einf. in Wissenschaftliche Rechnen	T Topics in Numerical linear Algebra T Topics in Algebraic Topology T Spectral Theory	Stochastic Geometry Splitting Methods for Evolution Es.	