

Professors participating in the ISTernship program 2023

Please find information about the research groups here: <https://ist.ac.at/en/research/> or <https://phd.pages.ist.ac.at/all-research-groups/>

Name	Research topic
Andela Saric	Computational Soft and Living Matter
Anna Kicheva	Tissue Growth and Developmental Pattern Formation
Bingqing Cheng	Computational Materials Science
Björn Hof	Nonlinear Dynamics and Turbulence
Carrie Bernecky	RNA-Based Gene Regulation
Chris Wojtan	Computer Graphics and Physics Simulation
Christoph Lampert	Machine Learning and Computer Vision
Dan Alistarh	Distributed Algorithms and Systems
Edouard Hannezo	Physical Principles in Biological Systems
Eva Benková	Plant Developmental Biology
Gaia Novarino	Genetic and Molecular Basis of Neurodevelopmental Disorders
Georgios Katsaros	Nanoelectronics
Hryhorii Polshyn	Emergent Electronic Phenomena in 2D materials
Jan Maas	Stochastic Analysis
Jérémie Palacci	Materiali Molli
Jirí Friml	Developmental and Cell Biology of Plants
Johann Danzl	High-Resolution Optical Imaging for Biology
Johannes Fink	Quantum Integrated Devices
Jozsef Csicsvari	Systems Neuroscience
Julian Fischer	Theory of Partial Differential Equations, Applied and Numerical Analysis
Kimberly Modic	Thermodynamics of Quantum Materials at the Microscale
Krishnendu Chatterjee	Computer-Aided Verification, Game Theory
Krzysztof Pietrzak	Cryptography

László Erdős	Mathematics of Disordered Quantum Systems and Matrices
Leonid Sazanov	Structural Biology of Membrane Protein Complexes
Lisa Bugnet	Stellar Dynamics and Asteroseismology
Maksym Serbyn	Condensed Matter Theory and Quantum Dynamics
Marco Mondelli	Data Science, Machine Learning, and Information Theory
Maria Ibáñez	Functional Nanomaterials
Martin Loose	Self-Organization of Protein Systems
Matthew Kwan	Combinatorics and Probability
Matthew Robinson	Medical Genomics
Maximilian Jösch	Neuroethology
Mikhail Lemeshko	Theoretical Atomic, Molecular, and Optical Physics
Nick Barton	Evolutionary Genetics
Onur Hosten	Quantum Sensing with Atoms and Light
Paul Schanda	Biomolecular Mechanisms from Integrated NMR Spectroscopy
Ryuichi Shigemoto	Molecular Neuroscience
Sandra Siegert	Neuroimmunology in Health and Disease
Simon Hippenmeyer	Genetic Dissection of Cerebral Cortex Development
Stefan Freunberger	Materials Electrochemistry
Tamas Hausel	Geometry and Its Interfaces
Thomas Henzinger	Design and Analysis of Concurrent and Embedded Systems
Tim Vogels	Computational Neuroscience and Neurotheory
Uli Wagner	Discrete and Computational Geometry and Topology