

## Professors participating in the ISTernship program 2020

<b>Dan Alistarh</b>	<i>Distributed Algorithms and Systems</i>
<b>Zhanybek Alpichshev</b>	<i>Non-linear and Time-resolved Optical Spectroscopy of Strongly Correlated Electron Systems</i>
<b>Nick Barton</b>	<i>Evolutionary genetics</i>
<b>Eva Benková</b>	<i>Plant Developmental Biology</i>
<b>Carrie Bernecky</b>	<i>RNA-Based Gene Regulation</i>
<b>Bernd Bickel</b>	<i>Computer Graphics and Digital Fabrication</i>
<b>Tim Browning</b>	<i>Analytic Number Theory and Its Interfaces</i>
<b>Krishnendu Chatterjee</b>	<i>Computer-Aided Verification, Game Theory</i>
<b>Jozsef Csicsvari</b>	<i>Systems Neuroscience</i>
<b>Johann Danzl</b>	<i>High-resolution Optical Imaging for Biology</i>
<b>Mario de Bono</b>	<i>Genes, Circuits, and Behavior</i>
<b>László Erdős</b>	<i>Mathematics of Disordered Quantum Systems and Matrices</i>
<b>Johannes Fink</b>	<i>Quantum Integrated Devices</i>
<b>Julian Fischer</b>	<i>Theory of Partial Differential Equations, Applied and Numerical Analysis</i>
<b>Stefan Freunberger</b>	<i>Materials Electrochemistry</i>
<b>Jirí Friml</b>	<i>Developmental and Cell Biology of Plants</i>
<b>Calin Guet</b>	<i>Systems and Synthetic Biology of Genetic Networks</i>
<b>Edouard Hannezo</b>	<i>Physical Principles in Biological Systems</i>
<b>Tamas Hausel</b>	<i>Geometry and Its Interfaces</i>
<b>Thomas Henzinger</b>	<i>Design and Analysis of Concurrent and Embedded Systems</i>
<b>Andrew Higginbotham</b>	<i>Condensed Matter and Quantum Circuits</i>
<b>Simon Hippenmeyer</b>	<i>Genetic Dissection of Cerebral Cortex Development</i>
<b>Onur Hosten</b>	<i>Quantum Sensing with Atoms and Light</i>
<b>Maria Ibáñez</b>	<i>Functional Nanomaterials</i>
<b>Maximilian Jösch</b>	<i>Neuroethology</i>
<b>Fyodor Kondrashov</b>	<i>Evolutionary Genomics</i>
<b>Christoph Lampert</b>	<i>Computer Vision and Machine Learning</i>
<b>Mikhail Lemeshko</b>	<i>Theoretical Atomic, Molecular, and Optical Physics</i>
<b>Martin Loose</b>	<i>Self-Organization of Protein Systems</i>
<b>Jan Maas</b>	<i>Stochastic Analysis</i>
<b>Kimberly Modic</b>	<i>Thermodynamics of Quantum Materials at the Microscale</i>
<b>Marco Mondelli</b>	<i>Data Science, Machine Learning, and Information Theory</i>
<b>Gaia Novarino</b>	<i>Genetic and Molecular Basis of Neurodevelopmental Disorders</i>
<b>Krzysztof Pietrzak</b>	<i>Cryptography</i>
<b>Matthew Robinson</b>	<i>Improving statistical modelling of the genetic basis of complex human phenotypes, with application to common disease and maternal health.</i>
<b>Leonid Sazanov</b>	<i>Structural Biology of Membrane Protein Complexes</i>
<b>Maksym Serbyn*</b>	<i>Condensed Matter Theory and Quantum Dynamics</i>
<i>*(ISTernship only possible with a start date on 15.5.2020 or 1.6.2020)</i>	
<b>Ryuichi Shigemoto</b>	<i>Molecular Neuroscience</i>
<b>Sandra Siegert</b>	<i>Neuroimmunology in Health and Disease</i>
<b>Lora Sweeney</b>	<i>Evolution and Development of Motor Circuits</i>
<b>Beatriz Vicoso</b>	<i>Sex-Chromosome Biology and Evolution</i>
<b>Uli Wagner</b>	<i>Discrete and Computational Geometry and Topology</i>
<b>Scott Waitukaitis</b>	<i>Soft and Complex Materials</i>
<b>Chris Wojtan</b>	<i>Computer Graphics and Physics Simulation</i>

Please find information about the research groups here:

<https://ist.ac.at/en/research/>

or

<https://phd.ist.ac.at/all-research-groups/>

Please note that faculty that are not on campus yet will not be on the websites.