

## Professors participating in the ISTernship program 2019

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| <b>Dan-Adrian 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>Nicholas Barton</b>        | <i>Mathematical Models of Evolution</i>  |
| <b>Carrie Bernecky</b>        | <i>RNA-based Gene Regulation</i>   |
| <b>Bernd Bickel</b>           | <i>Computer Graphics and Digital Fabrication</i>   |
| <b>Timothy 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>Herbert Edelsbrunner</b>   | <i>Algorithms, Computational Geometry and Topology</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>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>Claude-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>Björn Hof</b>              | <i>Nonlinear Dynamics and Turbulence</i>   |
| <b>Onur Hosten</b>            | <i>Quantum Sensing with Atoms and Light</i>  |
| <b>Maria Ibanez Sabate</b>    | <i>Functional Nanomaterials</i>  |
| <b>Maximilian Jösch</b>       | <i>Neuroethology</i>   |
| <b>Georgios Katsaros</b>      | <i>Nanoelectronics</i>   |
| <b>Anna Kicheva</b>           | <i>Tissue Growth and Developmental Pattern Formation</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 the Cell</i>   |
| <b>Jan Maas</b>               | <i>Stochastic Analysis</i>   |
| <b>Gaia Novarino</b>          | <i>Genetic and Molecular Basis of Neurodevelopmental Disorders</i>                               |
| <b>Krzysztof Pietrzak</b>     | <i>Cryptography</i>  |
| <b>Leonid Sazanov</b>         | <i>Structural Biology of Membrane Protein Complexes</i>  |
| <b>Maksym Serbyn</b>          | <i>Condensed Matter Theory &amp; Quantum Dynamics</i>  |
| <b>Ryuichi Shigemoto</b>      | <i>Molecular Neuroscience</i>  |
| <b>Sandra Siegert</b>         | <i>Neuroimmunology in Health and Disease</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>Christopher Wojtan</b>     | <i>Computer Graphics and Physics Simulation</i>  |

Please find information about the research groups here:

<http://ist.ac.at/research/research-groups/>

or

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