## Student Open Day Program

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For the latest updates to the program, please visit:

https://phd.ist.ac.at/student-open-day-2019/

## November 22, 2019 | IST Austria | Am Campus 1 | 3400 Klosterneuburg

Registration Location Online registration is compulsory. Upon arrival, please sign in at the Info Point outside the Raiffeisen Lecture Hall Info Point Introduction to IST Austria and the Graduate School 13:00-13:15 Welcome to IST Austria - Nick Barton (Dean) Raiffeisen Lecture Hall 13:15-13:30 Introduction to the Graduate School - Gasper Tkacik (PhD Program Chair) Raiffeisen Lecture Hall 13:30-14:00 Question & Answer Session - Nick Barton, Gasper Tkacik and the Graduate School Office Raiffeisen Lecture Hall Lab Tours 9:00-11:45 Info Point Lab Tours / Meet the Research Group sessions: tours start punctually at designated times (see table below) 14:00-15:45 Lab Tours / Meet the Research Group sessions: tours start punctually at designated times (see table below) Info Point **Campus Tours** 9:00-9:45 Info Point Campus Tour 11:00-11:45 Campus Tour Info Point 15:00-15:45 Info Point Campus Tour The Big Talk 16:00-17:00 David Hu (Georgia Institute of Technology) Raiffeisen Lecture Hall Topic: "A wombat's cube-shaped poo and other mysteries of animal movement". Followed by refreshments. Buses Arrival: 8:15: from Heiligenstadt (U4 station) | 9:15: from Heiligenstadt (U4 station) Departure: 17:00: to Heiligenstadt (U4 station) | 18:00: to Heiligenstadt (U4 station)

2.1142-14-28-28 Jourse Louise Contract Sciences 11:00-11:45 13:0013:15 13:151,3:30 13:3014:00 14.00-14:45 10:00:10:45 15:00-15:45 16:00.17:00 .00.9:45 Research Groups Research Topics Dan Alistarh Distributed Algorithms and Systems • • • Nick Evolutionary Biology: Theory and Data Analysis Barton ٠ Nick Evolutionary Biology in the Field Barton • • • • • Carrie RNA-Based Gene Regulation Bernecky • • ٠ Tim Browning Analytic Number Theory and its Interfaces . ٠ Krishnendu Chatteriee Computer-Aided Verification. Game Theory ٠ • Johann Danzl High-resolution Optical Imaging for Biology • • • . . Mario Genes, Circuits, and Behavior de Bono • • • • Mathematics of Disordered Quantum Systems and Matrices László Erdös • . ٠ Johannes Fink Quantum Integrated Devices • • Design and Analysis of Concurrent and Embedded Systems Thomas Henzinger • • Simon Hippenme Genetic Dissection of Cerebral Cortex Development . . • . Onur Quantum Sensing with Atoms and Light • • Hosten • Maria lbáñez Functional Nanomaterials • • Peter Jonas Synaptic Communication in Hippocampal Microcircuits • Vladimir Kolmogorov Discrete Optimization . . Mikhail Lemeshko Theoretical Atomic, Molecular, and Optical Physics • • Martin Loose Self-Organization of Protein Systems • • ٠ Marco Data Science, Machine Learning, and Information Theory Mondelli . . . Jan Maas Stochastic Analysis • Gaia Novarino Genetic and Molecular Basis of Neurodevelopmental Disorders • • . Krzyszto Pietrzak Cryptography ٠ Structural Biology of Membrane Protein Complexes Leonid Sazanov • . Structural Biology of Cell Migration and Viral Infection Florian Schur . . . Robert Mathematical Physics Seiringer • Ryuichi Shigemoto Molecular Neuroscience . • ٠ Gasper Tkacik Theoretical Biophysics and Neuroscience • . . • ٠ Discrete and Computational Geometry and Topology Uli Wagner • • Chris Woitan Computer Graphics and Physics Simulation . . . Info Sessio Nick Barton Welcome to IST Austria Gasper Tkacik Introduction to the Graduate School and Internship Opportunities Graduate School Office Question & Answer Session The Big Talk A wombat's cube-shaped poo and other mysteries of animal movement David Hu Campus Tours Guided tours around campus Volunteers • • .