# Student Open Day Program

For the latest updates to the program, please visit: [https://phd.ist.ac.at/student-open-day-2019](https://phd.ist.ac.at/student-open-day-2019)

## Main Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00-13:15</td>
<td>Welcome to IST Austria – Nick Barton (Dean)</td>
<td>Raiffeisen Lecture Hall</td>
</tr>
<tr>
<td>13:15-13:30</td>
<td>Introduction to the Graduate School – Gasper Tkacik (PHD Program Chair)</td>
<td>Raiffeisen Lecture Hall</td>
</tr>
<tr>
<td>13:30-14:00</td>
<td>Question &amp; Answer Session – Nick Barton, Gasper Tkacik and the Graduate School Office</td>
<td>Raiffeisen Lecture Hall</td>
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</table>

## Lab Tours

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00-11:45</td>
<td>Lab Tours / Meet the Research Group sessions: tours start punctually at designated times (see table below)</td>
<td>Info Point</td>
</tr>
<tr>
<td>14:00-15:45</td>
<td>Lab Tours / Meet the Research Group sessions: tours start punctually at designated times (see table below)</td>
<td>Info Point</td>
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## Campus Tours

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>9:00-9:45</td>
<td>Campus Tour</td>
<td>Info Point</td>
</tr>
<tr>
<td>11:00-11:45</td>
<td>Campus Tour</td>
<td>Info Point</td>
</tr>
<tr>
<td>15:00-15:45</td>
<td>Campus Tour</td>
<td>Info Point</td>
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</tbody>
</table>

## The Big Talk

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>16:00-17:00</td>
<td>David Hu (Georgia Institute of Technology) Topic: “A wombat’s cube-shaped poo and other mysteries of animal movement”. Followed by refreshments.</td>
<td>Raiffeisen Lecture Hall</td>
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</tbody>
</table>

## 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)

## Research Groups and Research Topics

- **Barton** - Evolutionary Biology: Theory and Data Analysis
- **Bartosch** - Understanding Algorithms and Systems
- **Browning** - Analytic Number Theory and its Interfaces
- **Chatterjee** - Computer-Aided Verification, Game Theory
- **Ciosek** - High-resolution Optical Imaging for Biology
- **de Bono** - Genes, Circuits, and Behavior
- **Erdős** - Mathematics of Disordered Quantum Systems and Matrices
- **Fink** - Quantum Integrated Devices
- **Freund** - Design and Analysis of Concurrent and Embedded Systems
- **Golovin** - Genetic Dissection of Cerebral Cortex Development
- **Hölsken** - Quantum Sensing with Atoms and Light
- **Jonas** - Functional Nanomaterials
- **Kolmogorov** - Discrete Optimization
- **Kosem** - Theoretical Atomic, Molecular, and Optical Physics
- **Krzyzak** - Cryptography
- **Kuznetsov** - Structural Biology of Membrane Protein Complexes
- **Kühn** - Structural Biology of Cell Migration and Viral Infection
- **Levin** - Theoretical Biophysics and Neuroscience
- **Liptser** - Discrete and Computational Geometry and Topology
- **Mogilner** - Computer Graphics and Physics Simulation
- **Novotný** - Biophysical and Computational Biology
- **Pietračk** - Mathematical Physics
- **Poduri** - Computer-Aided Verification, Game Theory
- **Tkacik** - Design and Analysis of Concurrent and Embedded Systems
- **Tušek** - Computer Graphics and Physics Simulation
- **Vagner** - Discrete and Computational Geometry and Topology
- **Wagner** - Computer Graphics and Physics Simulation

## Info Sessions

- **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

- **David Hu** - A wombat’s cube-shaped poo and other mysteries of animal movement