### Monday, 6th

**Guest Lecturer Session I (room QA1.4, South tower)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>14:30</td>
<td>“Computational analysis of metagenomic data”, Daniel Huson, Center for Bioinformatics (ZBIT), Department of Computer Science, University of Tuebingen, Germany.</td>
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### Tuesday, 7th

**IST Session I (room QA1.4, South tower)**

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<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>14:00</td>
<td>“Benford law, fraud detection and natural images”, João Sanches, Institute for Systems and Robotics, Instituto Superior Técnico, University of Lisbon, Portugal</td>
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<td>15:00</td>
<td>“Dynamic Energy Budget Theory: Reaching Consilience Between the Physical and the Biological Sciences through an Axiomatic Theory for Metabolism”, Tiago Domingos, Environment and Energy Section, DEM, Instituto Superior Técnico, University of Lisbon, Lisbon, Portugal</td>
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<td>16:30</td>
<td>“From high-throughput DNA sequencing to genome annotation: the case of the highly acetic acid-tolerant <em>Zygosaccharomyces bailii</em> derived interspecies hybrid strain ISA1307”, Nuno P Mira, BSRG, IBB, Instituto Superior Técnico, University of Lisbon, Portugal</td>
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### Wednesday, 8th

**IST Session II (room QA1.4, South tower)**

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tr>
<td>09:00</td>
<td>“Prognostic prediction in neurodegenerative diseases: a case study in AD and ALS”, Sara C. Madeira, KDBIO, INESC-ID, Portugal</td>
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<td>10:00</td>
<td>“Building and verification of logical models of regulatory networks”, Pedro T. Monteiro, KDBIO, INESC-ID, Portugal</td>
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</tbody>
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Thursday, 9th

KTH&Aalto Session (room QA1.4, South tower)
9:00 – “Un-mappable reads in RNAseq, trash or treasure? The case of circular RNA in bacteria”, Nicholas Innocenti, KTH, Stockholm, Sweden
10:00 – “Short-term synaptic plasticity in Striatal Medium Spiny Neurons”, Tiago Ferreira, 2nd year student at KTH, Stockholm, Sweden
10:20 – “NucPos: nucleosome positioning using a generative mixture model”, Basak Eraslan, 2nd year student at Aalto University, Helsinki, Finland
10:40 – “A new method for predicting enhancer regions across the human genome”, Gokcen Eraslan, 2nd year student at Aalto University, Helsinki, Finland

Project in Systems Biology Session (room QA1.4, South tower)
14:00 – “Exploring the effects of different noise source considerations in neuronal population dynamics using the Fokker-Planck formalism”, Michail Pantourakis, 2nd year student at Instituto Superior Técnico, University of Lisbon, Portugal
14:30 – “Evolution of the drug:H+ antiporters of families 1 and 2 in protoploid Saccharomycetaceae species”, Tuan Nguyen, 2nd year student at Instituto Superior Técnico, University of Lisbon, Portugal
15:00 – “Exploring optimality objective functions and additional constraints in Escherichia coli for prediction of metabolic fluxes”, Son Nguyen, 2nd year student at Instituto Superior Técnico, University of Lisbon, Portugal
16:00 – “Analysis of a mutant form of the yeast transcription factor Haal1, and its effects on resistance to acetic acid”, Andreas Constantinou, 2nd year student at Instituto Superior Técnico, University of Lisbon, Portugal
16:30 – “Evaluation of the transcription activation potential of a Haal1 mutant protein”, Shrestha Kul, 2nd year student at Instituto Superior Técnico, University of Lisbon, Portugal
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Friday, 10th

Guest Lecturer Session II (room QA02.1, South tower)
8:30 – “Stochastic Modeling in Systems Biology”, Jinzhi Lei, Tsinghua University, China
10:00 – “Hierarchical feedback modules and hubs of bionetworks through graph decomposition”, Yuheng Lan, Tsinghua University, China

IST Session III - Entrepreneurship (room QA1.4, South tower)
14:00 – “Entrepreneurship”, Luísa Quintino, Centre for Manufacturing and Industrial Management, Instituto Superior Técnico, Portugal
16:00 – “Case study: can we patent genes?”, Miguel Prazeres, Bioengineering Department, Instituto Superior Técnico, Portugal