

2020 Fall 1 (Oct 5-Nov 13, 2020)

	Mon	Tue	Wed	Thu	Frid
8:45 AM	<i>Introduction to Evolutionary Biology (Cremer/Vicoso)</i> <i>Mesoscopic physics and quantum info of semiconductor devices</i> D-modules	IST Core project	<i>Introduction to Evolutionary Biology (Cremer/Vicoso)</i> <i>Mesoscopic physics and quantum info of semiconductor devices</i> D-modules	IST Core project	Core Components
9:00 AM					
9:15 AM					
9:30 AM					
9:45 AM					
10:00 AM	<i>Introduction to Neuroscience</i> <i>Selected Topics in Analysis and Applications</i> <i>Statistical Machine Learning (Lampert)</i>	<i>Optimal transport (Maas)</i> <i>Collective Phenomena in Condensed Matter Physics (Alpichsev)</i>	<i>Introduction to Neuroscience</i> <i>Selected Topics in Analysis and Applications</i> Statistical Machine Learning (Lampert)	<i>Optimal transport (Maas)</i> <i>Collective Phenomena in Condensed Matter Physics (Alpichsev)</i>	rec.Core Components
10:15 AM					
10:30 AM					
10:45 AM					
11:00 AM					
11:15 AM	rec. Introduction to Evolutionary Biology rec. Mesoscopic physics rec. D-modules	rec. Optimal transport rec. Collective Phenomena	rec. Introduction to Neuroscience rec. Stat. Machine Learning rec. Selected Topics- moved to Mondays	rec. Core project	
11:30 AM					
11:45 AM					
12:00 PM					
12:15 PM					
12:30 PM	<i>Introduction to Higgs bundles on Riemann surfaces (Hausel)</i> <i>Methods of Data Analysis</i>	<i>Mathematics Refresher (Draganov) CANCELLED</i> <i>Materials for Energy Conversion (Ibanez)</i>	<i>Introduction to Higgs bundles on Riemann surfaces (Hausel)</i> <i>Methods of Data Analysis</i> <i>Introduction to fluid dynamics (Hof)</i>	<i>Mathematics Refresher (Draganov) CANCELLED</i> <i>Materials for Energy Conversion (Ibaez)</i>	<i>Introduction to fluid dynamics (Hof)</i>
12:45 PM					
1:00 PM					
1:15 PM					
1:30 PM					
1:45 PM	<i>Tech Transfer workshop (Entrepreneurship Lab J)-MOVED to TUESDAYS 3:00-4:40pm</i> Introduction to the thermodynamics of information CANCELLED	<i>Maths for quantitative life scientists: Linear Algebra (Virosztek)</i> Intro to Python part 2 (Miguel) Intro to Adv Methods in Neurosc	rec. Introduction to Higgs bundles Introduction to the thermodynamics of information CANCELLED	<i>Maths for quantitative life scientists: Linear Algebra (Virosztek)</i> Intro to Python part 2 (Miguel) Intro to Adv Methods in Neurosc	rec. Introduction to fluid dynamics
2:00 PM					
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3:00 PM	Colloquium	rec. Maths for quantitative life scientists rec. Intro to Python part 2 (Miguel) rec. Materials for Energy Conversion	rec. Methods of data Analysis rec. Introduction to the thermodynamics	rec. Mathematics Refresher rec. Intro to Adv Methods in Neurosc	
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2020/21 Fall 2 (Nov 23, 2020-Jan 22, 2021)

	Mon	Tue	Wed	Thu	Frid
8:45 AM	<b>Statistics for Life Sciences (Cremer)</b>	<b>IST Core project</b>	<b>Statistics for Life Sciences (Cremer)</b>	<b>IST Core project</b>	<b>Core Components</b>
9:00 AM					
9:15 AM					
9:30 AM					
9:45 AM					
10:00 AM	<b>Introduction to Neuroscience</b>	<b>Collective Phenomena in Condensed Matter Physics (Alpichsev)</b>	<b>Introduction to Neuroscience</b>	<b>Collective Phenomena in Condensed Matter Physics (Alpichsev)</b>	<b>rec. Core Components</b>
10:15 AM					
10:30 AM					
10:45 AM					
11:00 AM					
11:15 AM	<i>rec. Statistics for Life Sciences (Cremer)</i>	<i>rec. D-modules</i>	<i>rec. Collective Phenomena</i>	<i>rec. Maths for quantitative life scientists</i>	<i>rec. IST core project</i>
11:30 AM					
11:45 AM					
12:00 PM					
12:15 PM					
12:30 PM	<i>Electron Microsc.</i>	<b>Mathematics of quantum many-body systems</b>	<b>Biophotonics High-Resolution optical (fluorescence)</b>	<b>Concentration of Measure (Lampert, Maas) CANCELLED</b>	<i>rec. Introduction to Neurophysiology</i>
12:45 PM					
1:00 PM					
1:15 PM					
1:30 PM					
1:45 PM	<b>Tech Transfer workshop (Entrepreneurship Lab ) MOVED to TUESDAYS 3:00-4:40pm</b>	<b>Information Theory</b>	<b>Classics in Evolutionary Biology</b>	<b>Mechanical Engineering for scientists CANCELLED</b>	<i>rec. Electron Microscopy</i>
2:00 PM					
2:15 PM					
2:30 PM					
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3:00 PM	<b>Colloquium</b>	<i>rec. Information Theory</i>	<i>rec. Classics in Evolutionary Biology</i>	<i>rec. Mechanical Engineering</i>	<b>Advanced Data Analysis with R(Stopp, Tasciyan)</b>
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4:00 PM					
4:15 PM	<b>*Information Theory</b>	<b>*Classics in Evolutionary Biology</b>	<b>*Mechanical Engineering for scientists CANCELLED</b>	<i>rec. Maths for quantitative LS</i>	<i>rec. Advanced Data Analysis with R(Stopp, Tasciyan)</i>
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6:00 PM					

2021 Spring 1 (March 1- Apr 26, 2021)

	Mon	Tue	Wed	Thu	Frid
8:45 AM					
9:00 AM	Biology track core course (Loose et al.)	Mathematics of quantum many-body systems (Seiringer)	Neuroscience track core course (Jonas, Csicsvari, Jösch)	Population Genetics - the basics (Barton)	Neuroscience track core course (Jonas, Csicsvari, Jösch)
9:15 AM					Population Genetics - the basics (Barton)
9:30 AM					Core Components
9:45 AM					
10:00 AM					
10:15 AM	Synthetic and Systems Biology (Guet et al.)	Random Matrices (Erdős)	Data Science track core course (Tkacik et al.)	Mathematics track core course	Probabilistic Graphical Models
10:30 AM					Advanced topics in electrochemistry
10:45 AM					
11:00 AM					
11:15 AM					
11:30 AM					
11:45 AM					
12:00 PM	rec. Random Matrices	rec. Biology TCC	rec. Neuroscience TCC	rec. Population Genetics	rec. Mathematics of quantum
12:15 PM					rec. SynSys Bio
12:30 PM					rec. DSSC TCC
12:45 PM					rec. Math TCC
1:00 PM					rec. Probabilistic Graphical Models
1:15 PM					rec. Advanced topics in electrochemistry
1:30 PM	Physics track core course (Serbyn/Lemeshko/Hannezo)	Bioinformatics 1 (Vicoso)	Selected topics in PDEs	CS track core course (Chatterjee et al.)	Introduction to data visualization
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2:45 PM	Quantum optics with atoms and circuits	An Introduction to Diophantine Geometry	Applications of Stochastic Processes	Advanced Structural Biology (Sazanov et al.)	Algebraic Meth. in Combinatorics (Wagner)
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4:00 PM	Colloquium	rec. Introduction to Diophantine	rec. Applications of Stochastic	rec. Advanced Structural	rec. Algebraic Meth. in Combinatorics
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2021 Spring 2 (May 3-Jun 18, 2021)

	Mon	Tue	Wed	Thu	Frid							
8:45 AM	<b>Biology track core course</b> (Loose et al.)	<b>Neuroscience track core course</b> (Jonas, Csicsvari, Jösch)	<b>Computational Physics</b> (Wojtan)	<b>Biology track core course</b> (Loose et al.)	<b>Neuroscience track core course</b> (Jonas, Csicsvari, Jösch)	<b>Computational Physics</b> (Wojtan)	<b>Core Components</b>					
9:00 AM												
9:15 AM												
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9:45 AM												
10:00 AM	<b>Data Science track core course</b> (Lampert et al.)	<b>Virus-mediated neuronal tracing and optogenetic</b>	<b>Concentration of Measure</b> (Lampert, Maas)	<b>Cellular Sheaves and Persistent Homology</b>	<b>Data Science track core course</b> (Lampert et al.)	<b>Exp.methods in condensed matter physics COURSE CANCELLED</b>	<b>Virus-mediated neuronal tracing and optogenetic</b>	<b>Concentration of Measure</b> (Lampert, Maas)	<b>Cellular Sheaves and Persistent Homology</b>	<b>Data Clinic (moved to Wednesdays at 13:00-14:30)</b>		
10:15 AM												
10:30 AM												
10:45 AM												
11:00 AM												
11:15 AM	<i>rec. Biology TCC</i>	<i>rec. Cellular Sheaves and Persistent Homology</i>	<i>rec. Neuroscience TCC</i>	<i>rec. Computational Physics</i>	<i>rec. Research Data Handling: Take Good Care of Your Data</i>	<i>rec. Data Science track core course</i>	<i>rec. Experimental methods in condensed</i>	<i>rec. Virus-mediated neuronal</i>	<i>rec. Concentration of Measure (Lampert,</i>	<i>rec. Core Components</i>		
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12:30 PM	<b>Physics track core course</b> (Serbyn/Lemeshko/Hannezo)	<b>Bioinformatics 2</b> (Vicoso)	<b>Formal Methods</b>	<b>CS track core course</b> (Chatterjee et al.)	<b>Plant Cell Biology</b> (Benková, Friml)	<b>Research Data Handling: Take Good Care of Your Data</b>	<b>Physics track core course</b> (Serbyn/Lemeshko/Hannezo)	<b>Bioinformatics 2</b> (Vicoso)	<b>Formal Methods</b>	<b>CS track core course</b> (Chatterjee et al.)	<b>Plant Cell Biology</b> (Benková, Friml)	<b>Research Data Handling: Take Good Care of Your Data</b>
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1:45 PM	<b>Quantum optics with atoms and circuits</b>	<b>An Introduction to Diophantine Geometry</b>	<i>rec. Formal Methods</i>	<b>Advanced Structural Biology</b> (Sazanov et al.)	<b>Statistical Physics Topics in Soft Matter</b>	<b>Practical Cryogenics for Condensed Matter Physics</b>	<b>Quantum optics with atoms and circuits</b>	<b>An Introduction to Diophantine Geometry</b>	<i>rec. Bioinformatics</i>	<b>Advanced Structural Biology</b> (Sazanov et al.)	<b>Statistical Physics Topics in Soft Matter</b>	<b>Practical Cryogenics for Condensed Matter Physics</b>
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3:00 PM	<b>Colloquium</b>	<i>rec. Plant Biology Benková / Friml</i>	<i>rec. Structural Biology</i>	<i>rec. Practical Cryogenics for</i>	<i>rec. Quantum optics with atoms and circuits</i>	<i>rec. Intro to Diophantine Geometry</i>	<i>rec. CS track core course</i>	<i>rec. Statistical Physics Topics in</i>	<i>rec. Practical Cryogenics for</i>			
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