

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					
2:15 PM					
2:30 PM					
2:45 PM					
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	
3:15 PM					
3:30 PM					
3:45 PM					
4:00 PM					
4:15 PM					
4:30 PM					
4:45 PM					

2020/21 Fall 2 (Nov 23, 2020-Jan 22, 2021)

	Mon	Tue	Wed	Thu	Frid
8:45 AM	Statistics for Life Sciences (Cremer)	IST Core project	Statistics for Life Sciences (Cremer)	IST Core project	Core Components
9:00 AM					
9:15 AM					
9:30 AM					
9:45 AM					
10:00 AM	Introduction to Neuroscience	Collective Phenomena in Condensed Matter Physics (Alpichsev)	Introduction to Neuroscience	Collective Phenomena in Condensed Matter Physics (Alpichsev)	rec. Core Components
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>	Mathematics of quantum many-body systems	Biophotonics High-Resolution optical (fluorescence)	Concentration of Measure (Lampert, Maas) CANCELLED	<i>rec. Introduction to Neurophysiology</i>
12:45 PM					
1:00 PM					
1:15 PM					
1:30 PM					
1:45 PM	Tech Transfer workshop (Entrepreneurship Lab) MOVED to TUESDAYS 3:00-4:40pm	Information Theory	Classics in Evolutionary Biology	Mechanical Engineering for scientists CANCELLED	<i>rec. Electron Microscopy</i>
2:00 PM					
2:15 PM					
2:30 PM					
2:45 PM					
3:00 PM	Colloquium	<i>rec. Information Theory</i>	<i>rec. Classics in Evolutionary Biology</i>	<i>rec. Mechanical Engineering</i>	Advanced Data Analysis with R(Stopp, Tasciyan)
3:15 PM					
3:30 PM					
3:45 PM					
4:00 PM					
4:15 PM	*Information Theory	*Classics in Evolutionary Biology	*Mechanical Engineering for scientists CANCELLED	<i>rec. Maths for quantitative LS</i>	<i>rec. Advanced Data Analysis with R(Stopp, Tasciyan)</i>
4:30 PM					
4:45 PM					
5:00 PM					
5:15 PM					
5:30 PM					
5:45 PM					
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)	Core Components		
9:15 AM							
9:30 AM							
9:45 AM							
10:00 AM							
10:15 AM					Data Clinic (moved to Wednesdays at 13:00-14:30)		
10:30 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	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			
12:15 PM							
12:30 PM							
12:45 PM							
1:00 PM							
1:15 PM							
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		
1:45 PM							
2:00 PM							
2:15 PM							
2:30 PM							
2:45 PM							
3:00 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)		
3:15 PM							
3:30 PM							
3:45 PM							
4:00 PM							
4:15 PM							
4:30 PM	Colloquium	rec. Introduction to Diophantine	rec. Applications of Stochastic	rec. Advanced Structural	rec. Algebraic Meth. in Combinatorics		
4:45 PM							
5:00 PM							
5:30 PM							

2021 Spring 2 (May 3-Jun 18, 2021)

	Mon	Tue	Wed	Thu	Frid
8:45 AM					
9:00 AM	Biology track core course (Loose et al.)	Neuroscience track core course (Jonas, Csicsvari, Jösch)	Biology track core course (Loose et al.)	Neuroscience track core course (Jonas, Csicsvari, Jösch)	Core Components
9:15 AM					
9:30 AM					
9:45 AM					
10:00 AM					
10:15 AM	Data Science track core course (Lampert et al.)	Virus-mediated neuronal tracing and optogenetic	Concentration of Measure (Lampert, Maas)	Cellular Sheaves and Persistent Homology	Data Clinic (moved to Wednesdays at 13:00-14:30)
10:30 AM					
10:45 AM					
11:00 AM					
11:15 AM					
11:30 AM					
11:45 AM					
12:00 PM	rec. Biology TCC	rec. Neuroscience TCC	rec. Research Data Handling: Take Good Care of Your Data	rec. Experimental methods in condensed	rec. Core Components
12:15 PM	rec. Cellular Sheaves and Persistent Homology	rec. Computational Physics	rec. Data Science track core course	rec. Virus-mediated neuronal	
12:30 PM				rec. Concentration of Measure (Lampert,	
12:45 PM					
1:00 PM					
1:15 PM	Physics track core course (Serbyn/Lemeshko/Hannezo)	CS track core course (Chatterjee et al.)	Mechanical Engineering (1:15pm-2:30pm)	Research Data Handling: Take Good Care of Your Data	Data Clinic (moved to Wednesdays at 13:00-14:30)
1:30 PM					
1:45 PM					
2:00 PM					
2:15 PM					
2:30 PM					
2:45 PM					
3:00 PM	Quantum optics with atoms and circuits	Advanced Structural Biology (Sazanov et al.)	Quantum optics with atoms and circuits	Advanced Structural Biology (Sazanov et al.)	
3:15 PM	An Introduction to Diophantine Geometry	Statistical Physics Topics in Soft Matter	An Introduction to Diophantine Geometry	Statistical Physics Topics in Soft Matter	
3:30 PM					
3:45 PM					
4:00 PM	Colloquium	rec. Plant Biology Benková / Friml	rec. Quantum optics with atoms and circuits	rec. CS track core course	rec. Core Components
4:15 PM					
4:30 PM					
4:45 PM					
5:00 PM					
5:30 PM					