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

	Mon			Tue			Wed			Thu			Frid
8:45 AM	***Introduction to Evolutionary Biology (Cremer/Vicoso)***	***Mesoscopic physicsand quantum info of semiconductor devices***	**D-modules**	***IST Core project***			***Introduction to Evolutionary Biology (Cremer/Vicoso)***	***Mesoscopic physicsand quantum info of semiconductor devices***	**D-modules**	***IST Core project***			***Core Components***
9:00 AM													
9:15 AM													
9:30 AM													
9:45 AM													
10:00 AM													
10:15 AM	***Introduction to Neuroscience***	***Selected Topics in Analysis and Applications***	***Statistical Machine Learning (Lampert)***	***Optimal transport (Maas)***	***Collective Phenomena in Condensed Matter Physics (Alpichsev)***		***Introduction to Neuroscience***	***Selected Topics in Analysis and Applications***	**Statistical Machine Learning (Lampert**	***Optimal transport (Maas)***	***Collective Phenomena in Condensed Matter Physics(Alpichsev)***		***rec.Core Components***
10:30 AM													
10:45 AM													
11:00 AM													
11:15 AM													
11:30 AM													
11:45 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*			
12:00 PM													
12:15 PM													
12:30 PM													
12:45 PM													
1:00 PM													
1:15 PM	***Introduction to Higgs bundles on Riemann surfaces (Hausel)***	***Methods of Data Analysis***		***Mathematics Refresher (Draganov) CANCELLED***	***Materials for Energy Conversion (Ibanez)***		***Introduction to Higgs bundles on Riemann surfaces (Hausel)***	***Methods of Data Analysis***	***Introduction to fluid dynamics (Hof)***	***Mathematics Refresher (Draganov) CANCELLED***	***Materials for Energy Conversion (Ibaez)***		***Introduction to fluid dynamics (Hof)***
1:30 PM													
1:45 PM													
2:00 PM													
2:15 PM													
2:30 PM													
2:45 PM	***Tech Transfer workshop(Entrepreneurship Lab)-MOVED to TUESDAYS 3:00-4:40pm***	**Introduction to the thermodynamics of information CANCELLED**		***Maths for quantitative life scientists: Linear Algebra (Virosztek)***	***Intro to Python part 2 (Miguel)***	**Intro to Adv Methods in Neurosc**	*rec. Introduction to Higgs bundles*	**Introduction to the thermodynamics of information CANCELLED**		***Maths for quantitative life scientists: Linear Algebra (Virosztek)***	***Intro to Python part 2 (Miguel)***	**Intro to Adv Methods in Neurosc**	*rec. Introduction to fluid dynamics*
3:00 PM													
3:15 PM													
3:30 PM													
3:45 PM													
4:00 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*	
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	***Mesoscopic physics and quantum info of semiconductor devices***		***Mesoscopic physics and quantum info of semiconductor devices***		
9:15 AM	**D-modules**		**D-modules**		
9:30 AM					
9:45 AM					
10:00 AM					
10:15 AM	***Introduction to Neuroscience***	***Collective Phenomena in Condensed Matter Physics (Alpichsev)***	***Introduction to Neuroscience***	***Collective Phenomena in Condensed Matter Physics (Alpichsev)***	*rec.Core Components*
10:30 AM	**Selected Topics in Analysis and Applications (Erdos/Seiringer)**	***Maths for quantitative life scientists: Probability and Statistical Inference***	**Selected Topics in Analysis and Applications (Erdos/Seiringer)**	***Maths for quantitative life scientists: Probability and Statistical Inference***	
10:45 AM					
11:00 AM					
11:15 AM					
11:30 AM					
11:45 AM	*rec. Statistics for Life Sciences (Cremer)*	*rec. Collective Phenomena*	*rec. Introduction to Neuroscience*	*rec. IST core project*	
12:00 PM	*rec. D-modules*	*rec. Maths for quantitative life scientists*	*rec. Mesoscopic physics*		
12:15 PM			*rec.Selected Topics*		
12:30 PM					
12:45 PM					
1:00 PM					
1:15 PM	***Electron Microsc.***	***Mathematics of quantum many-body systems***	***Electron Microsc.***	***Mathematics of quantum many-body systems***	***Concentration of Measure (Lampert, Maas) CANCELLED***
1:30 PM	***Modern Distributed Algorithms***	***BiophotonicsHigh-Resolution optical (fluorescence)***	***Modern Distributed Algorithms***	***BiophotonicsHigh-Resolution optical (fluorescence)***	
1:45 PM		***Concentration of Measure (Lampert, Maas) CANCELLED***			
2:00 PM					
2:15 PM					
2:30 PM					
2:45 PM	**Tech Transfer workshop (Entrepreneurship Lab) MOVED to TUESDAYS 3:00-4:40pm**	*rec.Mathematics of quantum many-*	*rec. Introduction to Neurophysiology*	*rec. Collective Phenomena*	*rec. Concentration of Measure*
3:00 PM		**Information Theory**	*rec. Electron Microscopy*	rec. Biophotonics	*14:45-16:00 classes
3:15 PM		**Classics in Evolutionary Biology**	*rec. Modern Distributed*		
3:30 PM		**Mechanical Engineering for scientists CANCELLED**			
3:45 PM					
4:00 PM	**Colloquium**		**Advanced Data Analysis with R(Stopp, Tasciyan)**	***Information Theory**	***Classics in Evolutionary Biology**
4:15 PM		*rec. Information Theory*			****Mechanical Engineering for scientists CANCELLED***
4:30 PM		*rec. Classics in Evol Biology*	*rec. Advanced Data Analysis with R(Stopp, Tasciyan)*	*rec.Maths for quantitative LS*	
4:45 PM		*rec. Mechanical Engineering*			
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	***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*
9:00 AM	***Mathematics of quantum many-body systems (Seiringer)***	***Population Genetics - the basics (Barton)***	***Mathematics of quantum many-body systems (Seiringer)***	***Population Genetics - the basics (Barton)***	
9:15 AM					
9:30 AM					
9:45 AM					
10:00 AM					
10:15 AM	***Synthetic and Systems Biology (Guet et al.)***	***Mathematics track core course***	***Synthetic and Systems Biology (Guet et al.)***	***Mathematics track core course***	***Data Clinic***
10:30 AM	***Random Matrices (Erdös)***	***Virus-mediated neuronal tracing and optogenetic***	***Random Matrices (Erdös)***	***Virus-mediated neuronal tracing and optogenetic***	
10:45 AM	***Data Science track core course (Tkacik et al.)***	***Advanced topics in electrochemistry***	***Data Science track core course (Tkacik et***	***Advanced topics in electrochemistry***	
11:00 AM					
11:15 AM					
11:30 AM					
11:45 AM	*rec. Random Matrices*	*rec. Neuroscience TCC*	*rec. Mathematics of quantum*	*rec. Math TCC*	***rec. Core Components***
12:00 PM	*rec. Biology TCC*	*rec. Population Genetics*	*rec. SynSys Bio*	*rec. Virus-mediated*	
12:15 PM			*rec. DSSC TCC*	*rec.Advanced topics in electrochemistry*	
12:30 PM					
12:45 PM					
1:00 PM					
1:15 PM	***Physics track core course (Serbyn/Lemeshko/ Hannezo)***	***CS track core course (Chatterjee et al.)***	***Physics track core course (Serbyn/Lemeshko/ Hannezo)***	***CS track core course (Chatterjee et al.)***	
1:30 PM	***Bioinformatics 1 (Vicoso)***	***Intorduction to data visualization***	***Bioinformatics 1 (Vicoso)***	***Intorduction to data visualization***	
1:45 PM	***Selected topics in PDEs***		***Selected topics in PDEs***		
2:00 PM					
2:15 PM					
2:30 PM					
2:45 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.)***	
3:00 PM	***An Introduction to Diophantine Geometry***	***Algebraic Meth. in Combinatorics (Wagner)***	***An Introduction to Diophantine Geometry***	***Algebraic Meth. in Combinatorics (Wagner)***	
3:15 PM	***Applications of Stochastic Processes***		***Applications of Stochastic Processes***		
3:30 PM					
3:45 PM					
4:00 PM	***Colloquium***				
4:15 PM	*rec. Introduction to Diophantine*	*rec. Advanced Structural*	*rec. Quantum optics*		
4:30 PM	*rec. Applications of Stochastic*	*rec.Algebraic Meth. in Combinatorics*	*rec.Selected topics in PDEs*	*rec. CS track core coure*	
4:45 PM			*rec. Phy TCC*	*rec. Intorduction to data visualization*	
5:00 PM			*rec. Bioinformatics*		
5:30PM					

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

	Mon	Tue	Wed	Thu	Frid
8:45 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***
9:00 AM		***Computational Physics (Wojtan)***		***Computational Physics (Wojtan)***	
9:15 AM					
9:30 AM					
9:45 AM					
10:00 AM					
10:15 AM	***Data Science track core course (Lampert et al.)***	***Experimental methods in condensed matter physics***	***Data Science track core course (Lampert et al.)***	***Experimental methods in condensed matter physics***	***Data Clinic***
10:30 AM					
10:45 AM		***Probabilistic Graphical Models***		***Probabilistic Graphical Models***	
11:00 AM					
11:15 AM					
11:30 AM					
11:45 AM	*rec. Biology TCC*	*rec. Neuroscience TCC*	*rec. Research Data Handling: Take Good Care of Your Data*	*rec. Probabilistic Graphical Models*	*rec. Core Components*
12:00 PM		*rec. Computational Physics*	*rec. Data Science track core course*	*rec. Experimental methods in*	
12:15 PM					
12:30 PM					
12:45 PM					
1:00 PM					
1:15 PM	***Physics track core course (Serbyn/Lemeshko/Hannezo)***	***CS track core course (Chatterjee et al.)***	***Physics track core course (Serbyn/Lemeshko/Hannezo)***	***CS track core course (Chatterjee et al.)***	
1:30 PM	***Bioinformatics 2 (Vicoso)***	***Plant Cell Biology (Benková, Friml)***	***Bioinformatics 2 (Vicoso)***	***Plant Cell Biology (Benková, Friml)***	
1:45 PM	***Formal Methods***	**Research Data Handling: Take Good Care of Your Data**	***Formal Methods***	***Research Data Handling: Take Good Care of Your Data***	
2:00 PM					
2:15 PM					
2:30 PM					
2:45 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.)**	
3:00 PM	***An Introduction to Diophantine Geometry***	***Statistical Physics Topics in Soft Matter***	***An Introduction to Diophantine Geometry***	***Statistical Physics Topics in Soft Matter***	
3:15 PM	*rec. Formal Methods*	***Practical Cryogenics for Condensed Matter Physics***	*rec. Bioinformatics*	***Practical Cryogenics for Condensed Matter Physics***	
3:30 PM					
3:45 PM					
4:00 PM	**Colloquium**				
4:15 PM		*rec. Plant Biology Benková / Friml*	*rec. Quantum optics with atoms and circuits*	*rec. CS track core course*	
4:30 PM		*rec. Structural Biology*	rec. Intro to to Diophantine Geometry	*rec. Statistical Physics Topics in*	
4:45 PM		*rec. Practical Cryogenics for*		*rec. Practical Cryogenics for*	
5:00 PM					
5:30PM					