MASTER ICFP 2 <sup>nd</sup> Year - Calendar 2019-2020 - 2 <sup>nd</sup> Semester (Courses: Jan, 7 <sup>th</sup> to Mar, 23 <sup>th</sup> / Holidays: Feb, 17 <sup>th</sup> to 21 <sup>th</sup>					/ Review Week: War, 24	to 27 / Exams: Mar, 30 to Apr, 3 )
Monday AM	Tuesday AM		Wednesday AM		Thursday AM	Friday AM
Spin Physics 8.30am - 12.30pm F. Perez - Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 210	Turbulence 10.00am 1.00pm A. Alexakis - S. Chibbaro L367		Geophysical Fluid Dynamics 8.30am - 12.30pm C. Jaupart - J. Aubert C14-24 room 316		Selected Topics in Statistical Field Theory 9.00am - 1.00pm K. Wiese - C. Aron L361	Machine Learning 9.00am - 12.30pm F. Bach - L. Chizat
Quantum Information			Quantum Optics in Condensed Matter 9.00am 12.30pm C.Ciuti - S.Ducci L363/365		Rheology of Complex Fluids	L367
9.00am - 12.30pm J. Estève - I. Dotsenko L367					9.00am - 12.00pm A. Colin - A. Linder L363/365	
Cosmology 9.00am - 12.00pm <sup>1</sup> J. Martin - V. Vennin	Differential Geometry and Gauge Theory 8.30 am 12.30pm O. Biquard L382/384		Introduction to Classical and Quantum Integrability	Complex Systems: from Physics to Social	Quantum Transport and Mesoscopic Physics 9.00am - 12.30pm M. Ferrier - G. Feve - M. Delbecq Jan 23 <sup>th</sup> - Feb 13 <sup>th</sup> : 23-24 room 107	Waves Dynamics in Disordered Media and Localization Phenomena
L361			9.00am - 12.00pm	Sciences	Deutiele Dhusies, the	Campus Jussieu-LKB room 210 T13-23 2 <sup>nd</sup> Floor
System Biophysics	An Introduction to Topological Order 9.00am - 12.00pm		V. Kazakov	9.00am-12.00pm JP. Bouchaud - V.Ros L367	Particle Physics: the Standard Model	
9.30am - 12.30pm					9.00am - 12.30pm	
P. Nghe - C. Nizak - A. Walczak	N. Regnault - C. Mora		L361	L307	F.Machefert - N.Morange	
	L361		LJUI		L367	
L382/384 Monday PM		Tuesday PM	Wednesday PM		Thursday PM	Friday PM
Brownian Motion and Stochastic			Wednesday Pivi			
Processes	Novel Functionalities in		Quantum Field Theory II		Introduction to AdS/CFT	
1.30 pm - 4.30 pm		Complex Materials				Advanced Topics in Quantum Field
O. Benichou - R. Voituriez	Conformal Field 2.00pm - 5.00pm					Theory
Campus Jussieu LPTMC T13 5 <sup>th</sup> Floor	Theory	M.Gabay - M.Civelli - A.Santander	2.00pm - 6.00pm		1.45pm - 5.00pm	2.00pm - 6.00pm
C1213 room 523	1.30pm 5.30pm	L361				P. Windey
Physics of 2D Materials 1.45pm - 4.45pm	B. Estienne - L361 Y. Ikhlef JAN 21 <sup>th</sup> TP at SU		S. Lavignac - B. Bellazzini			th
1.43011 - 4.43011	Y. Ikhlef	JAN 21 <sup>th</sup> TP at SU	-	lazzini	F. Nitti	FIRST COURSE ON JAN 17 <sup>th</sup>
A. Shukla - N. Bergeal -	Campus Jussieu	JAN 21 <sup>th</sup> TP at SU C23-22 ROOM 114	L367	lazzini	F. Nitti <b>L361</b>	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117
A. Shukla - N. Bergeal - J. Biscaras	Campus Jussieu LPTMC	C23-22 ROOM 114	L367		L361 Introduction to Many	
A. Shukla - N. Bergeal -	Campus Jussieu	C23-22 ROOM 114 Physcis of Perception	L367 Soft Solids		L361 Introduction to Many Body Physics of	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117
A. Shukla - N. Bergeal - J. Biscaras	Campus Jussieu LPTMC T13 - C12-13	C23-22 ROOM 114 Physcis of Perception 2.00pm 5.30pm	L367 Soft Solids 2.00pm - 5.30	pm	L361 Introduction to Many Body Physics of Fermions and Bosons	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117
A. Shukla - N. Bergeal - J. Biscaras Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 205 String Theory 1.45pm - 5.45pm	Campus Jussieu LPTMC T13 - C12-13 room 523	C23-22 ROOM 114 Physcis of Perception	L367 Soft Solids 2.00pm - 5.30 M. Ciccotti - B. Ro	pm	L361 Introduction to Many Body Physics of	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117
A. Shukla - N. Bergeal - J. Biscaras Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 205 String Theory 1.45pm - 5.45pm D. Israël - P. Tourkine	Campus Jussieu LPTMC T13 - C12-13 room 523	C23-22 ROOM 114 Physcis of Perception 2.00pm 5.30pm	L367 Soft Solids 2.00pm - 5.30	pm	L361 Introduction to Many Body Physics of Fermions and Bosons 1.45pm - 5.15pm	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117 Feb 28 <sup>th</sup> - Mar 20 <sup>th</sup> : 14-15 room 108
A. Shukla - N. Bergeal - J. Biscaras Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 205 String Theory 1.45pm - 5.45pm D. Israël - P. Tourkine Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 206	Campus Jussieu LPTMC T13 - C12-13 room 523	C23-22 ROOM 114 Physcis of Perception 2.00pm 5.30pm T. Mora - P. Martin	L367 Soft Solids 2.00pm - 5.30 M. Ciccotti - B. Ro L363/365	<b>pm</b> man	L361 Introduction to Many Body Physics of Fermions and Bosons 1.45pm - 5.15pm P. Simon - M. Casula Jan 23 <sup>th</sup> - Mar 19 <sup>th</sup> : 14-24 room 316	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117 Feb 28 <sup>th</sup> - Mar 20 <sup>th</sup> : 14-15 room 108 Statistical Physics 2: Disordered Systems
A. Shukla - N. Bergeal - J. Biscaras Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 205 String Theory 1.45pm - 5.45pm D. Israël - P. Tourkine Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 206 Nonlinear, Ultrafast and	Campus Jussieu LPTMC T13 - C12-13 room 523 5 <sup>th</sup> Floor	C23-22 ROOM 114 Physcis of Perception 2.00pm 5.30pm T. Mora - P. Martin	L367 Soft Solids 2.00pm - 5.30 M. Ciccotti - B. Ro L363/365 Quantum Machines: Quant	pm <sup>man</sup> :um Physics with	L361 Introduction to Many Body Physics of Fermions and Bosons 1.45pm - 5.15pm P. Simon - M. Casula Jan 23 <sup>th</sup> - Mar 19 <sup>th</sup> : 14-24 room <u>316</u> Information, Inference,	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117 Feb 28 <sup>th</sup> - Mar 20 <sup>th</sup> : 14-15 room 108 Statistical Physics 2: Disordered Systems and interdisciplinary Applications
A. Shukla - N. Bergeal - J. Biscaras Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 205 String Theory 1.45pm - 5.45pm D. Israël - P. Tourkine Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 206	Campus Jussieu LPTMC T13 - C12-13 room 523 5 <sup>th</sup> Floor Ultr	C23-22 ROOM 114 Physcis of Perception 2.00pm 5.30pm T. Mora - P. Martin L367	L367 Soft Solids 2.00pm - 5.30 M. Ciccotti - B. Ro L363/365 Quantum Machines: Quant Electrical Circuits and Mecha	pm man :um Physics with anical Resonators	L361 Introduction to Many Body Physics of Fermions and Bosons 1.45pm - 5.15pm P. Simon - M. Casula Jan 23 <sup>th</sup> - Mar 19 <sup>th</sup> : 14-24 room 316 Information, Inference, Networks	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117 Feb 28 <sup>th</sup> - Mar 20 <sup>th</sup> : 14-15 room 108 Statistical Physics 2: Disordered Systems
A. Shukla - N. Bergeal - J. Biscaras Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 205 String Theory 1.45pm - 5.45pm D. Israël - P. Tourkine Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 206 Nonlinear, Ultrafast and Quantum Optics	Campus Jussieu LPTMC T13 - C12-13 room 523 5 <sup>th</sup> Floor Ultr 2.00	C23-22 ROOM 114 Physcis of Perception 2.00pm 5.30pm T. Mora - P. Martin L367 a Cold Atoms pm - 5.30 pm	L367 Soft Solids 2.00pm - 5.30 M. Ciccotti - B. Ro L363/365 Quantum Machines: Quant	pm man cum Physics with anical Resonators Opm	L361 Introduction to Many Body Physics of Fermions and Bosons 1.45pm - 5.15pm P. Simon - M. Casula Jan 23 <sup>th</sup> - Mar 19 <sup>th</sup> : 14-24 room <u>316</u> Information, Inference,	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117 Feb 28 <sup>th</sup> - Mar 20 <sup>th</sup> : 14-15 room 108 Statistical Physics 2: Disordered Systems and interdisciplinary Applications 2.00pm - 5.30pm
A. Shukla - N. Bergeal - J. Biscaras Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 205 String Theory 1.45pm - 5.45pm D. Israël - P. Tourkine Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 206 Nonlinear, Ultrafast and Quantum Optics 2.00pm - 5.30pm F. Hache - N. Treps Campus Jussieu-LKB room 210	Campus Jussieu LPTMC T13 - C12-13 room 523 5 <sup>th</sup> Floor Ultr 2.00 S. Nascimbèn	C23-22 ROOM 114 Physcis of Perception 2.00pm 5.30pm T. Mora - P. Martin L367 a Cold Atoms pm - 5.30 pm he - F. Gerbier - A. Perrin	L367 Soft Solids 2.00pm - 5.30 M. Ciccotti - B. Ro L363/365 Quantum Machines: Quant Electrical Circuits and Mecha 2.00pm - 5.30 PF. Cohadon - S. Deleglis Campus Jussieu-LKB r	pm man cum Physics with anical Resonators Opm e - P. Bertet oom 210	L361 Introduction to Many Body Physics of Fermions and Bosons 1.45pm - 5.15pm P. Simon - M. Casula Jan 23 <sup>th</sup> - Mar 19 <sup>th</sup> : 14-24 room <u>316</u> Information, Inference, Networks 2.00pm - 6.00pm	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117 Feb 28 <sup>th</sup> - Mar 20 <sup>th</sup> : 14-15 room 108 Statistical Physics 2: Disordered Systems and interdisciplinary Applications 2.00pm - 5.30pm G. Semerjian - G. Schehr
A. Shukla - N. Bergeal - J. Biscaras Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 205 String Theory 1.45pm - 5.45pm D. Israël - P. Tourkine Jan 27 <sup>th</sup> - Feb 10 <sup>th</sup> : 14-24 room 206 Nonlinear, Ultrafast and Quantum Optics 2.00pm - 5.30pm F. Hache - N. Treps	Campus Jussieu LPTMC T13 - C12-13 room 523 5 <sup>th</sup> Floor Ultr 2.00 S. Nascimbèn	C23-22 ROOM 114 Physcis of Perception 2.00pm 5.30pm T. Mora - P. Martin L367 a Cold Atoms pm - 5.30 pm	L367 Soft Solids 2.00pm - 5.30 M. Ciccotti - B. Ro L363/365 Quantum Machines: Quant Electrical Circuits and Mecha 2.00pm - 5.30 PF. Cohadon - S. Deleglis	pm man cum Physics with anical Resonators Opm e - P. Bertet oom 210	L361 Introduction to Many Body Physics of Fermions and Bosons 1.45pm - 5.15pm P. Simon - M. Casula Jan 23 <sup>th</sup> - Mar 19 <sup>th</sup> : 14-24 room <u>316</u> Information, Inference, Networks 2.00pm - 6.00pm R. Monasson - S. Cocco -	Jan 24 <sup>th</sup> - Feb 14 <sup>th</sup> : 33-34 room 117 Feb 28 <sup>th</sup> - Mar 20 <sup>th</sup> : 14-15 room 108 Statistical Physics 2: Disordered Systems and interdisciplinary Applications 2.00pm - 5.30pm G. Semerjian - G. Schehr

MASTER ICFP 2<sup>nd</sup> Year - Calendar 2019-2020 - 2<sup>nd</sup> Semester (Courses: Jan, 7<sup>th</sup> to Mar, 23<sup>th</sup> / Holidays: Feb, 17<sup>th</sup> to 21<sup>th</sup> / Review Week: Mar, 24<sup>th</sup> to 27<sup>th</sup> / Exams: Mar, 30<sup>th</sup> to Apr, 3<sup>rd</sup>)

<sup>1</sup> Course of March 23<sup>th</sup> is postponed on March 27<sup>th</sup> - room L361

Sorbonne Université

ENS-24 rue Lhomond