

MASTER ICFP SECOND YEAR - CALENDAR 2023-2024 1<sup>st</sup> Semester

Courses: Sept, 5<sup>th</sup> to Dec, 18<sup>th</sup> - All Saints holidays: Oct, 30<sup>th</sup> to Nov, 3<sup>rd</sup> - Research seminars: Nov, 6<sup>th</sup> to Nov, 10<sup>th</sup> - Christmas Holidays: Dec, 25<sup>th</sup> to Jan 5<sup>th</sup> - Examinations: Dec, 22<sup>nd</sup> - Jan, 8<sup>th</sup> to Jan, 11<sup>th</sup>

Monday AM	Tuesday AM	Wednesday AM	Thursday AM	Friday AM
<p><b>ADVANCED STATISTICAL PHYSICS</b> compulsory for condensed matter and quantum physics tracks</p> <p>Course: 8.30am - 10.30am</p> <p>TD: 10.45am - 12.45pm</p> <p>L. Cugliandolo M. Tarzia A. Altieri PAGE 2</p>	<p><b>ELECTRONS IN SOLIDS: FUNDAMENTALS AND EXPERIMENTS</b> compulsory for condensed matter track</p> <p>8.30am - 12.30pm</p> <p>A. Santander-Syro L. Perfetti M. Marsi V. Balédent</p> <p>*09/05 201bis 56.66 **09/12 317 buld. ATRIUM ***09/19 to 12/12 202 54.55</p>	<p><b>ATOMS AND PHOTONS</b> Quantum Physics: Must choose this or Condensed Matter Theory (or both)</p> <p>Course: 9.00am - 10.30am TD: 11.00am - 12.30pm</p> <p>J. Beugnon T. Yefsah C. Sayrin 107.24.34 *09/06 107 14.15 **09/13 101 24.34</p>	<p><b>LIGHT-MATTER INTERACTION IN QUANTUM NANOSTRUCTURES</b></p> <p>8.30am - 12.30pm</p> <p>E. Baudin C. Sirtori J. Tignon A. Vasanelli C. Voisin PAGE 2</p>	<p><b>ELECTRONIC STRUCTURE THEORY</b></p> <p>8.30am - 12.30pm</p> <p>M.Casula M.Lazzeri M. Saitta PAGE 2</p>
<p><b>QUANTUM FIELD THEORY</b> compulsory for theoretical physics track</p> <p>Course: 10.00am - 12.00pm</p> <p>B. Bellazzini 050A Condorcet *09/25 234C Halle</p>	<p><b>QUANTUM FIELD THEORY</b> compulsory for theoretical physics track</p> <p>Course: 10.30am - 12.30am</p> <p>B. Bellazzini Halle 379F *09/05 Halle 165E</p>	<p><b>GENERAL RELATIVITY</b> 9.00am - 12.30pm</p> <p>D. Steer F. Vernizzi PAGE 2</p>	<p><b>SOFT MATTER PHYSICS</b> Soft Matter and biophysics: must choose this or Soft Matter (or both) 8.30am - 12.30pm</p> <p>V. Démary A. Lindner 105.14.15</p>	<p><b>ADVANCED STATISTICAL PHYSICS AND NEW APPLICATIONS</b> compulsory for theoretical physics track</p> <p>8.30am - 12.45pm</p> <p>course F. Van Wijland TD:C. Duclut salle 101 14.24</p>
		<p><b>INTERFACES AND MORPHOGENESIS</b></p> <p>8.30 am – 12.30pm</p> <p>A. Boudaoud, D. Queré, E. Rio PAGE 2</p>	<p><b>Quantum-condensed-matter field theory</b> course 8.30am - 10.30p TD 10.45am - 12.30pm N. Dupuis 513 12-13</p>	<p><b>LIE GROUPS, LIE ALGEBRAS AND REPRESENTATIONS</b></p> <p>TD: 10.30pm - 12.30pm R. Zegers 050A Condorcet *09/28 086A-34</p>
Monday PM	Tuesday PM	Wednesday PM	Thursday PM	Friday PM
<p><b>QUANTUM INFORMATION</b></p> <p>2.00pm - 6.00pm</p> <p>J. Esteve T. Jacqmin 050A Condorcet *09/25 Amphi Turing Germain</p>	<p><b>ADVANCED BIOPHYSICS</b> Soft Matter and biophysics: must choose this or Soft Matter (or both)</p> <p>2.00pm - 6.00pm</p> <p>M. Lenz A. Walczak 114a 33.34 *09/05 203 14.24</p>	<p><b>LIE GROUPS, LIE ALGEBRAS AND REPRESENTATIONS</b></p> <p>Courses: 2.00pm - 5.00pm</p> <p>O. Schiffmann Halle - 064E *11/29 Halle - 379F **12/13 Halle - 379F</p>	<p><b>METHODS FOR DATA-DRIVEN MODELLING</b></p> <p>2.00pm - 6.00pm</p> <p>R. Monasson J. De Cossio Diaz S.Cocco 379F Halle *10/19 165E Halle</p>	<p><b>CONDENSED MATTER THEORY</b> Condensed Matter: Compulsory; Quantum Physics: Must choose this or Atoms and Photons (or both)</p> <p>course: 1.45pm to 3.45pm 107 14.24 TD 4pm to 6pm 105+108 14.15 S. Biermann P. Simon I.Paul B. Lenz</p>
<p><b>PHYSICS OF FLUIDS AND NONLINEAR PHYSICS</b></p> <p>2.00pm - 6.00pm</p> <p>A. Antkowiak - C. Duprat 108 14.15</p>	<p><b>ELECTRONIC TRANSPORT AND SUPERCONDUCTIVITY</b></p> <p>2.00 pm - 6.00pm</p> <p>G. Fève D. Roditchev M.Delbecq K. Van Houcke PAGE 2</p>	<p><b>ADVANCED QUANTUM MECHANICS</b> compulsory for quantum physics track</p> <p>Course: 2.00pm - 4.00pm TD: 4.00pm - 6.00pm</p> <p>F. Chevy D. Papoular PAGE 2</p>	<p><b>ALGORITHMS AND COMPUTATION</b></p> <p>2.00pm - 6.00pm</p> <p>L. Berthier M. Ferrero 050A Condorcet *09/28 Amphi Turing Germain</p>	<p><b>ADVANCED METHODS IN BIOLOGICAL PHYSICS AND SOFT MATTER</b></p> <p>2.00pm - 6.00pm</p> <p>JF. Allemand S. Mangenot 103.14.15</p>
	<p><b>STATISTICAL FIELD THEORY AND APPLICATIONS</b> Course :2.00pm-4.00pm A. Nahum TD 4.00pm - 6.00pm X. Cao 050A Condorcet* 09/26 064E Halle</p>			<p><b>QUANTUM FIELD THEORY</b> compulsory for theoretical physics track</p> <p>TD: 2.00pm - 4.00pm D. Israel 101.14.15</p>
Université de Paris			SORBONNE UNIVERSITE	

ADVANCED STATISTICAL PHYSICS - L. Cugliandolo M. Tarzia A. Altieri				
	Course		TD/TP	
09/11/2023	209.14.24	8.30am - 12.45pm		
09/18/2023	AMPHI 34B	8.30 - 10.30am	205.54.55/Bibliothèque LPTHE 4ème Tour 13-14	10.45am - 12.45pm
09/25/2023			AMPHI ASTIER (GR TD1)	8.30am - 10.30 am
			205.54.55 (GR TD 1)	10.45am - 12.45pm
			Bibliothèque LPTHE 4ème Tour 13-15 (GR TD2)	8.30am - 12.45pm
10/02/2023	AMPHI 55A	8.30 - 10.30am	205.54.55/Bibliothèque LPTHE 4ème Tour 13-16	10.45am - 12.45pm
10/09/2023	AMPHI 55B	8.30 - 10.30am	205.54.55/Bibliothèque LPTHE 4ème Tour 13-17	10.45am - 12.45pm
10/16/2023	AMPHI 55B	8.30 - 10.30am	205.54.55/Bibliothèque LPTHE 4ème Tour 13-18	10.45am - 12.45pm
10/23/2023	AMPHI ASTIER	8.30 - 10.30am	205.54.55/Bibliothèque LPTHE 4ème Tour 13-19	10.45am - 12.45pm
11/13 to 12/18/2023	TBA	8.30 - 10.30am	103.55.65/Bibliothèque LPTHE 4ème Tour 13-14	10.45am - 12.45pm
ELECTRONIC TRANSPORT AND SUPERCONDUCTIVITY - G. Fève D. Roditchev M.Delbecq K. Van Houcke				
09/05 to 09/12/2023	201.23.24	2.00am - 6.00pm		
09/19 to 10/03/2023	207.23.33	2.00am - 6.00pm		
10/10/2023	107.24.25	2.00am - 6.00pm		
10/17/2023 - 10/24/2023	207.23.33	2.00am - 6.00pm		
11/14/2023	207.23.33	2.00am - 6.00pm		
11/21/2023	101.13.14	2.00am - 6.00pm		
11/28/2023	101.23.24	2.00am - 6.00pm		
12/05/2023	TBA	2.00am - 6.00pm		
12/12/2023	104.56.66	2.00am - 6.00pm		
GENERAL RELATIVITY - D. Steer F. Vernizzi				
09/06/2023	Halle 064E	9.00am - 12.30pm		
09/13/2023	Halle - 12E	9.00am - 12.30pm		
09/20/2023	Germain - 1009 -60	9.00am - 12.30pm		
09/27/2023	Halle 064E	9.00am - 12.30pm		
10/04 to 12/13/2023	Germain - 1009 -60	9.00am - 12.30pm		
INTERFACES AND MORPHOGENESIS A. Boudaoud, D. Queré , E. Rio				
09/06/2023 to 11/15/2023	103.14.15	8.30am - 12.30pm		
11/22/2023 to 11/29/2023	103.14.15	8.30am - 10.30am	109/111 -23.22	10.45am - 12.45pm
12/06 to 12/13	212.24.34	8.30am - 12.30pm		
ADVANCED QUANTUM MECHANICS - F. Chevy D. Papoular				
09/06/2023	Condorcet - 050A	2.00pm - 6.00pm		
09/13 to 09/20/2023	Condorcet - 050A	2.00pm - 6.00pm		
09/27/2023	Halle - 027C	2.00pm - 6.00pm		
10/04/2023	Condorcet - 050A	2.00pm - 6.00pm		
10/11/2023 - 12/13/2023	Condorcet - 050A	2.00pm - 6.00pm		
LIGHT-MATTER INTERACTION IN QUANTUM NANOSTRUCTURES - E. Baudin C. Sirtori J. Tignon A. Vasanelli C. Voisin				
09/07 to 09/14/2023	309.34.24	8.30am - 12.30pm		
09/21 to 12/14/2023	207.23.33	8.30am - 12.30pm		
ELECTRONIC STRUCTURE THEORY - M.Casula M.Lazzeri M. Saitta				
09/08 to 09/22/2023	206.14.24	8.30am - 12.30pm		
09/29/2023			109/111 -23.22	8.30am - 12.30pm
10/06/2023	107.13.14	8.30am - 12.30pm		
10/13/2023	109/111 -23.22	8.30am - 12.30pm		
10/20/2023			109/111 -23.22	8.30am - 12.30pm
10/27/2023			109/111 -23.22	8.30am - 12.30pm
11/17/2023	201.23.24	8.30am - 12.30pm		
11/24/2023			109/111 -23.22	8.30am - 12.30pm
12/01/2023			109/111 -23.22	8.30am - 12.30pm
12/08/2023			109/111 -23.22	8.30am - 12.30pm
12/15/2023			112/114 -23.22	8.30am - 12.30pm
01/12/2024		8.30am - 12.30pm		