



TIMETABLE FOR THE MASTER'S DEGREE: **Advanced Physics and Applied Mathematics**

1st Semester (first half)

From 16/10/03 to 16/11/18

	Monday		Tuesday		Wednesday		Thursday		Friday	
08:30-09:30	11270 Black Holes <i>Sascha Husa</i>				11270 Black Holes <i>Sascha Husa</i>				11270 Black Holes <i>Sascha Husa</i>	
09:30-11.00		11281 Physical Property Characterization of Materials <i>Catalina Picornell Alou</i>	11265 Introduction to the Solar Physics <i>Ramón Oliver Herrero</i>	11280 Structural and Microstructural Characterization of Materials <i>Jaume Pons Morro /Ferran Hierro Riu (SCT)/Joan Cifre Bauza (SCT)</i>	11266 Fundamentals of Solar Magnetohydrodynamics <i>Jaume Terrades Calafell (RyC)</i>	11281 Physical Property Characterization of Materials <i>Catalina Picornell Alou</i>	11304 Distributed Computing <i>Joan Massó Bennàsar</i>	11280 Structural and Microstructural Characterization of Materials <i>Jaume Pons Morro /Ferran Hierro (SCT) Riu//Joan Cifre Bauza (SCT)</i>	11007 (10:10-11:30) Scientific Presentation and Visualitation <i>José Ramasco Sukia (compartida MSC)</i>	
11:00-12:30	11305 Finite Volume Methods for Hyperbolic Problems <i>Romualdo Romero March</i>	11292 Cooperative and Critical Phenomena <i>Maxi SanMiguel Ruibal / Tomás Sintes Olives (compartida MSC)</i>	11276 Geophysical Fluid Dynamics <i>Romualdo Romero March</i>	11279 Material Physics <i>Ruben Santamarta Martínez/ Joan Torrens Serra</i>	11272 Fundamentals of Meteorology and Physical Oceanography <i>Climent Ramis Noguera / Marta Marcos Moreno (IMEDEA)</i>	11445 Simulation by Finite Elements <i>Victor Martinez Moll / Carlos Ribas González</i>	11276 Geophysical Fluid Dynamics <i>Romualdo Romero March</i>	11279 Material Physics <i>Ruben Santamarta Martínez/ Joan Torrens Serra</i>	11306 (11:30-12:30) Stochastic Simulation Methods <i>Raul Toral Garcés / Pere Colet Rafecas (compartida MSC)</i>	
12:30-14:00			11301 Introduction to Mathematical Models in Image Restoration <i>José Luís Lisani Roca/ Joan Duran Grimalt</i>	11271 Elements of Numerical Relativity <i>Carlos Palenzuela Luque (RyC)</i>	11298 Introduction to Dynamic Systems <i>Rafel Prohens Sastre /Bartomeu Coll Vicens</i>	11290 Lasers <i>Salvador Balle Monjo /Julien Javaloyes</i>	11297 Mass Data Processing Techniques <i>Alicia Sintes Olives/ Jose Luis Lisani Roca</i>	11287 Quantum Correlations <i>Antonio Puente Ferrá</i>	11299 Techniques for Studying Periodic Solutions to Differential Equations <i>Mª Jesús Álvarez Torres/Rafel Prohens Sastre</i>	11293 Instrumentation and Data Acquisition <i>Miquel Roca Adrover /Eugeni Isern Riutort</i>
15:30-17:00	11306 Stochastic Simulation Methods <i>Raul Toral Garcés /Pere Colet Rafecas (compartida MSC)</i>		11286 Quantum Field Theory <i>Oreste Piro Perusin</i>		11302 Image Processing and Applications <i>Ana Belen Petro Balaguer/ Bartomeu Coll Vicens</i>					



TIMETABLE FOR THE MASTER'S DEGREE: **Advanced Physics and Applied Mathematics**

1st Semester (second half)

From 16/11/21 to 17/01/27

	Monday		Tuesday		Wednesday		Thursday		Friday	
08:30-09:30	11269 Gravitational Waves <i>Alicia Sintes Olives</i>				11269 Gravitational Waves <i>Alicia Sintes Olives</i>				11269 Gravitational Waves <i>Alicia Sintes Olives</i>	
09:30-11:00	11271 Elements of Numerical Relativity <i>Carlos Palenzuela Luque (RyC)</i>	11296 Transmission Electron Microscopy <i>Rubén Santamarta Martínez/ Jaume Pons Morro</i>	11265 Introduction to the Solar Physics <i>Ramón Oliver Herrero</i>	11296 Transmission Electron Microscopy <i>Rubén Santamarta Martínez/ Jaume Pons Morro</i>	11266 Fundamentals of Solar Magnetohydrodynamics <i>Jaume Terrades Calafell (RyC)</i>	11282 Solid State Phase Transformations <i>Concepció Seguí Palmer/ Eduard Cesari Aliberch</i>	11304 Distributed Computing <i>Joan Massó Bennàsar</i>	11282 Solid State Phase Transformations <i>Concepció Seguí Palmer/ Eduard Cesari Aliberch</i>	11007 (10.10-11:30) Scientific Presentation and Visualisation <i>José Ramasco Sukia (compartida MSC)</i> 11306 (11:30-12:30) Stochastic Simulation Methods <i>Raul Toral Garcés / Pere Colet Rafecas (compartida MSC)</i>	
11:00-12:30	11275 Predictability <i>Victor Homar Santaner</i>	11292 Cooperative and Critical Phenomena <i>Maxi SanMiguel Ruibal / Tomás Sintes Olives (compartida MSC)</i>	11277 Waves and Instability in Geophysical Fluids <i>Victor Homar Santaner/ Sebastià Monserrat Tomás</i>	11283 Functional Materials <i>Ruben Santamarta Martínez/ Joan Torrens Serra</i>	11272 Fundamentals of Meteorology and Physical Oceanography <i>Climent Ramis Noguera / Marta Marcos Moreno (IMEDEA)</i>	11445 Simulation by Finite Elements <i>Victor Martinez Moll / Carlos Ribas González</i>	11277 Waves and Instability in Geophysical Fluids <i>Victor Homar Santaner/ Sebastià Monserrat Tomás</i>	11283 Functional Materials <i>Ruben Santamarta Martínez/Joan Torrens Serra</i>		
12:30-14:00			11301 Introduction to Mathematical Models in Image Restoration <i>José Luís Lisani Roca/ Joan Duran Grimalt</i>		11298 Introduction to Dynamic Systems <i>Rafel Prohens Sastre / Bartomeu Coll Vicens</i>	11290 Lasers <i>Salvador Balle Monjo/ Julien Javaloyes</i>	11297 Mass Data Processing Techniques <i>Alicia Sintes Olives/ Jose Luis Lisani Roca</i>	11287 Quantum Correlations <i>Antonio Puente Ferrá</i>	11299 Techniques for Studying Periodic Solutions to Differential Equations <i>M^a Jesús Álvarez Torres/Rafel Prohens Sastre</i>	11293 Instrumentation and Data Acquisition <i>Miquel Roca Adrover /Eugeni Isern Riutort</i>
15:30-17:00	11306 Stochastic Simulation Methods <i>Raul Toral Garcés /Pere Colet Rafecas (compartida MSC)</i>		11284 Magnetism and Magnetic Materials <i>Eduard Cesari Aliberch</i>	11286 Quantum Field Theory <i>Oreste Piro Perusin</i>	11302 Image Processing and Applications <i>Ana Belen Petro Balaguer/ Bartomeu Coll Vicens</i>		11284 Magnetism and Magnetic Materials <i>Eduard Cesari Aliberch</i>			



TIMETABLE FOR THE MASTER'S DEGREE: **Advanced Physics and Applied Mathematics**

2nd Semester (first half)

From 17/02/13 to 17/03/31

	Monday	Tuesday		Wednesday		Thursday		Friday	
09:30-11.00	11278 Spatial Analysis and Data Assimilation <i>Damià Gomis Bosch/ Gabriel Jordà Sánchez</i> (intensive)	11267 Applications of Solar Magnetohydrodynamics <i>Roberto Soler Juan (RyC)</i>	11282 Solid State Phase Transformations <i>Concepció Seguí Palmer/ Eduard Cesari Aliberch</i>	11268 Relativity and Geometry <i>Sascha Husa</i>		11307 Numerical Simulations in Magnetohydrodynamics <i>Jaume Terrades Calafell (RyC)</i>	11282 Solid State Phase Transformations <i>Concepció Seguí Palmer/ Eduard Cesari Aliberch</i>		
11:00-12:30		11274 Mesoscale Circulation <i>Climent Ramis Noguera</i>		11273 Turbulence and Atmospheric Boundary Layers <i>Joan Cuxart Rodamilans</i>		11278 Spatial Analysis and Data Assimilation <i>Damià Gomis Bosch / Gabriel Jordà Sánchez</i> (intensive)	11295 MEMS Transducers <i>Jaume Verd Martorell/ Sebastià Bota Ferragut/ Jaume Segura Fuster</i>	11297 Mass Data Processing Techniques <i>Alicia Sintes Olives/ Jose Luis Lisani Roca</i>	
12:30-14:00	11294 Signal Processing and Communications <i>Joan Font Rosselló</i>	11303 Introduction to Sub-pixel Images <i>Antoni Buades Capó</i>	11288 Entangled Quantum Systems <i>Antoni Borràs López</i>	11300 Mathematical Models in Neuroscience <i>Antonio Teruel Aguilar/ Catalina Vich Llompart</i>			11291 Spintronics <i>Llorenç Serra Crespi/ David Sánchez Martín/ Rosa López García</i>	11278 Spatial Analysis and Data Assimilation <i>Damià Gomis Bosch / Gabriel Jordà Sánchez</i> (intensive)	11289 Electronic Nanostructures <i>Rashid Nazmitdinov</i>

2nd Semester (second half)

From 17/04/03 to 17/05/26

	Monday	Tuesday	Wednesday	Thursday	Friday			
09:30-11:00	11308 Numerical Simulations of Geophysical Fluids <i>Romualdo Romero March</i>	Applications of Solar Magnetohydrodynamics <i>Roberto Soler Juan (RyC)</i>	11285 Biomaterials <i>Sergey Kustov</i> (intensive)	11268 Relativity and Geometry <i>Sascha Husa</i>	11285 Biomaterials <i>Sergey Kustov</i> (intensive)	11307 Numerical Simulations in Magnetohydrodynamics <i>Jaume Terrades Calafell (RyC)</i>	11285 Biomaterials <i>Sergey Kustov</i> (intensive)	
11:00-12:30		11274 Mesoscale Circulation <i>Climent Ramis Noguera</i>		11273 Turbulence and Atmospheric Boundary Layers <i>Joan Cuxart Rodamilans</i>			11295 MEMS Transducers <i>Jaume Verd Martorell/ Sebastià Bota Ferragut/ Jaume Segura Fuster</i>	11297 Mass Data Processing Techniques <i>Alicia Sintes Olives/ Jose Luis Lisani Roca</i>
12:30-14:00	11294 Signal Processing and Communications <i>Joan Font Rosselló</i>	11303 Introduction to Sub-pixel Images <i>Antoni Buades Capó</i>	11288 Entangled Quantum Systems <i>Antoni Borràs López</i>	11300 Mathematical Models in Neuroscience <i>Antonio Teruel Aguilar Catalina Vich Llompart</i>			11291 Spintronics <i>Llorenç Serra Crespi/ David Sánchez Martín/ Rosa López García</i>	11289 Electronic Nanostructures <i>Rashid Nazmitdinov</i>