

	Monday 8	Tuesday 9	Wednesday 10	Thursday 11	Friday 12
8:30-10:40	8:30-9:35 Registration 9:35-9:50 Welcome address 9:50-10:40 Tuomas Grahn: Theoretical foundations of Nuclear Physics	9:00-9:50 Sebastian Böser: Unfathomable neutrinos: Hunting for the ghost particles with light, sound and radio waves	9:00-9:50 Manuel Gessner: Beyond classical limits: How quantum technologies improve measurement precision	9:00-9:50 Panu Ruotsalainen: Applications of Nuclear Physics	
		9:50-10:40 Guillermo Muñoz: Quantum technologies with single photons	9:50-10:40 *Pedro Schwaller: Searching for New Physics with gravitational waves	9:50-10:40 *Imants Kaldre: Various applications of metal liquid magnetohydrodynamics	9:50-10:40 Gema Martínez: ESRF-EBS: Recent opportunities in synchrotron science
10:40-11:10	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:10-13:15	11:10-12:00 *Francesco Ciccarello: Introduction to open quantum systems	11:10-12:00 Irene Valenzuela: At the edge of Knowledge: Quantum gravity and Strings	11:10-12:00 Varis Karitans: Interference and plasmonic resonance in absorbing thin films	11:10-11:35 Rosa Mª Sandá Seoane: Finding needles in a quantum haystack: Machine learning in high-energy physics	11:10-11:35 Miriam Mínguez: The physics behind tomorrow's solar technologies
	12:00-12:25 Carolina Fernández: Controlling atomic structure: The physics behind crystal growth	12:00-12:25 Giacomo Landini: Understanding dark matter and matter-antimatter asymmetry with particle physics and cosmology	12:00-12:25 Josep Mas Garcia: The physics behind your screen	11:35-12:00 Androniki Dimitriou: (Machine) Learning the Universe	11:35-11:50 Valeria Hernández Díaz: The art of imperfection: From Chaos to Cosmos
	12:25-13:15 Marta García Matos The quantum sense	12:25-12:50 Adrián Lambies: Can we hunt cosmic Pokémon using a microwave oven?	12:25-13:15 Lucía Sanus: Emmy Noether, the lady of rings and symmetries	12:00-12:15 Lorena Terrón Egido: Quantum foundations and the nature of reality: an historical and experimental journey	11:50-12:40 Miguel Peiró: Entangled worlds: Art and science
		12:50-13:05 Jakob Weiss: Limitations of the Standard Model		12:15-12:30 Florian Spiess: Bosonic quantum error correction	
		13:05-13:20 Gaspare Russo: The mysteries of Physics: Ettore Majorana		12:30-13:20 Experimenta fair & Poster session	
	13:15-14:35	Lunch	Lunch	Lunch	Lunch
14:35-	14:35-15:25 *Angelo Carollo: Nuggets of Relativity	14:35-16:20 Round table Women's scientific careers		14:35-15:25 Experimenta fair & Poster session	Afternoon on the beach (optional)
	15:25-15:40 Asier Godino Duro: Khoomei: A physical perspective of biphonic singing			15:25-17:10 Special session: Physics without frontiers	
	15:40-15:55 Petteri Tuomola: The importance of optimisation in numerical solving	16:20-17:10 Lola Garzón: New ways of entrepreneurship			
	15:55- Collaborative games	17:30- 19:00 LaTeX course	17:30- Historic Valencia guided tour	17:10- Collaborative games	
Topics	*Online Note that the vertical size of the boxes is not related to their duration, nor are the boxes of different days synchronized. Instead, the detailed start and end times are explicitly written inside each box.				
Theoretical Physics					
Applied Physcis					
Multidisciplinary, cross-cutting topics					
Contributed talks					
Activities					