



**REGISTRATION: 8:00 → 11:30**

Foyer Auditorium

	AUDITORIUM	ROOM 102 & Foyer	ROOM 105	ROOM 107
8:30	<b>WELCOME</b> L. BERGÉ, EPS President & Sorbonne University and CNRS Representatives.			
8:45				
9:00	<b>TALK</b> M. GABRIEL, European Commissioner for Innovation, Research, Culture, Education and Youth. <b>"Filling the gap between science and innovation"</b>			
9:15				
9:30				
9:45	<b>SESSION CHAIR</b> G. MEDIN, University of Montenegro, Podgorica, Montenegro.			
10:00				
10:15	<b>TALK</b> A. LOARTE, ITER, France. <b>"Physics basis and status of the ITER Project, the first fusion reactor under construction"</b>			
10:30				
10:45	<b>TALK</b> M. PLESKO, Cosylab, Slovenia. <b>"Should physicists make science or money - or both?"</b>			
11:00		<b>COFFEE BREAK</b>		
11:30	<b>SESSION CHAIR</b> R. ZELTNER, EPS Young Minds Chair, Germany.	<b>SCIENTIFIC POSTER SESSION</b>		<b>ROUND TABLE</b> <b>"Materials and emerging technologies for a digital world."</b> <b>M.J. CALDERON (moderator)</b> , ICMM-CSIC, Madrid, Spain. <b>V. GIESZ</b> , Cofounder & CEO at Quandela, France. <b>G. HLAWACEK</b> , Group leader ion induced nanostructures at Helmholtz-Zentrum Dresden-Rossendorf, Germany. <b>D. RAVELOSONA</b> , CTO/CSO, Cofounder of INTEGnano, France. <b>T. PERONNIN</b> , CEO and Cofounder at Alice & Bob, France. <b>F. SCHMITT</b> , Head of Research Microscopy at ZEISS, France.
11:45				
12:00	<b>TALK</b> I. STRÜMKE, Simula, Norway. <b>"Explaining AI: why and why not"</b>			
12:15				
12:30	<b>LUNCH BREAK</b>			



# PROGRAMME DAY 1 | MORNING

🕒	ROOM 109	ROOM 106	ROOM 108	ROOM 116 meeting/hands-on sessions
8:30				
8:45		<b>WELCOME</b> R. ZELTNER, EPS Young Minds Chair.		
9:00		<b>EPS YOUNG MIND CHAIR PRESENTATION</b> R. ZELTNER, EPS Young Minds Chair.		
9:15				
9:30				
9:45		<b>YOUNG MINDS LEADERSHIP MEETING - NETWORKING EVENT</b>		
10:00				
10:15				
10:30				
10:45				
11:00	<b>COFFEE BREAK</b>			
11:30			<b>SESSION CHAIR</b> E. NAPPI, INFN, Unit of Bari, Italy.	<b>HANDS-ON "QUANTUM DEMONSTRATOR"</b> S. KUBSKY, Soleil Synchrotron, France. J. MEIER (online), Felix Bloch Institute, University of Leipzig, Germany.
11:45			<b>WORKSHOP</b> "Co-innovation between industry and academia in the field of particle accelerators" - Part I	
12:00			M. VRETENAR, CERN, Switzerland. "The EU Support to accelerator Co-innovation: the IFAST Programme"	
12:15			D. NEWBOLD, STFC Rutherford Appleton Laboratory, UK Research & Innovation, UK. "Outcome and conclusions of the ECFA accelerator R&D roadmap"	
12:30	<b>LUNCH BREAK</b>			





	AUDITORIUM	ROOM 102 & Foyer	ROOM 105	ROOM 107
14:00	<p><b>SESSION CHAIR</b> M. J. CALDERON, ICMM-CSIC, Spain.</p>	<b>SCIENTIFIC POSTER SESSION</b>		
14:15	<p><b>TALK</b> A. CANDELLI, LUMICKS, The Netherlands. "Investigating force-dependent biological mechanisms in cancer therapies"</p>			
14:30	<p><b>TALK</b> F. GONZALES-ZALBA, Quantum Motion, United Kingdom.</p>			
14:45	<p>"Using silicon to develop useful quantum computers"</p>			
15:00			<p><b>ROUND TABLE</b> "From Physicist to Data Scientist" J. LEIRIA (moderator), University of Coimbra, Portugal. J. BOBIN, Researcher at CEA Saclay, Signal processing/Astrophysics, Saclay, France. T. BRUNSCHWILLER, Smart System Applications at IBM Research, Zurich, Switzerland. K. NILSSON, PeripherAi, Germany. N. ROSA, Data scientist at Closer Consulting, Lisbon, Portugal. I. STRÜMKE, Adjunct Research Scientist at Simula, Oslo, Norway.</p>	<p><b>ROUND TABLE</b> "Physics for life: the single molecule revolution" F. RITORT (moderator), Small Biosystems Lab, University of Barcelona, Spain. P. BAASKE, Cofounder &amp; CEO of NanoTemper, Germany. M. RIBEZZI-CRIVELLARI, ESPCI Paris-Tech and Group Leader, Directed Evolution at Quantum-Si, France. L. JAYASINGHE, Vice-President, R&amp;D - Oxford Nanopore Technologies, Oxford, UK. L. ODDERSHEDE, Senior Vice President, Novo Nordisk Foundation, Denmark. W. PEUTZ, Head of Sales &amp; Customer Success at LUMICKS, The Netherlands J-P. SOBCZAK, CEO of Tilibit nanosystems GmbH, Munich, Germany.</p>
15:15	<p><b>ROUND TABLE</b> "Energy and sustainability" C. ROSSEL (moderator), IBM Zürich &amp; EPS, Switzerland. G. BEDON, Head of Modelling Solutions, Ørsted, Denmark. S. BERLIJN, Head of Division Energy Systems, KTH Royal Institute of Technology, Stockholm, Sweden. D. CHARTOUNI, Corporate Research Fellow on Energy Storage, ABB, Switzerland. P. SERRE-COMBE, Deputy Managing Director of Energy Programs, CEA, France. N. SCHMITT, R&amp;D Scientific Director for Europe, Air Liquide, France.</p>			
15:30				
15:45				
16:00	<b>COFFEE BREAK</b>			
16:30	<p><b>ROUND TABLE</b> "Cooperation between research institutions and industry for exploring the universe and study dark matter and energy" R. LAUREIJS (moderator), Euclid Project Scientist, ESA/ESTEC, The Netherlands. M. BERTHE, CEA, France. L. BROUARD, Euclid Telescope project manager, Airbus Defense and Space, France. P. MUSI, Director DESI Science Programs, Thales Alenia Space, Italy. I. SWINDELLS, Infrared Product Development Manager, Teledyne e2v, UK. I. Y. VIEIRA, Chief Technical Officer, LusoSpace, Lisbon, Portugal.</p>	<b>SCIENTIFIC POSTER SESSION</b>		
16:45				
17:00				
17:15				
17:30				
17:45				
18:00	<b>END OF DAY 1</b>			

# PROGRAMME DAY 1 | AFTERNOON

	ROOM 109	ROOM 106	ROOM 108	ROOM 116 meeting/hands-on sessions
14:00				
14:15			<b>WORKSHOP</b> "Co-innovation between industry and academia in the field of particle accelerators." – Part II	
14:30				
14:45			<b>ROUND TABLE</b> "Societal applications of accelerator technologies" <b>M. MORANDIN</b> (moderator), INFN, Italy. <b>M. PLESKO</b> , CEO and founder of Cosylab, Slovenia. <b>A. PELLECCCHIA</b> , Director of ASG Superconductors SpA, Italy. <b>J. MANDRILLON</b> , Accelerator Physicist at IBA, Belgium. <b>S. DAHL-PETERSEN</b> , General Sales Manager at Danfysik, Denmark. <b>S. GAMMINO</b> , Director of Laboratori Nazionali del Sud - INFN, Italy.	
15:00	<b>ROUND TABLE</b> "Quantum computing: where are we heading?" <b>E. SÁNCHEZ BAUTISTA</b> (moderator), EPS Policy Officer, Brussels, Belgium. <b>J. GOETZ</b> , CEO & Cofounder of IQM, Finland. <b>L. HENRIET</b> , CTO, PASQAL, France. <b>A. LANDRAGIN</b> , IXBlue, Cofounder of MUQUANS, France. <b>H. RIEL</b> , Head Science & Technology, IBM Research, Switzerland. <b>P. SENELLART-MARDON</b> , Cofounder of QUANDELA, Palaiseau, France.			<b>QISKIT WORKSHOP</b> "Quantum Computing with Qiskit" <b>S. PFAENDLER</b> , <b>P. OLLITRAULT</b> & <b>H. RIEL</b> , IBM Research, Switzerland
15:15				
15:30				
15:45				
16:00	<b>COFFEE BREAK</b>			
16:30				
16:45				
17:00		<b>SESSION CHAIR</b> <b>Y. AMOUROUX</b> , Director at OPTICA Europe, UK.		
17:15		<b>TALK</b> <b>J. F. MORIZUR</b> , Founder & CEO, Cailabs, France. "From PhD to CEO: making an exciting leap into business"		
17:30				
17:45				
18:00	<b>END OF DAY 1</b>			