

# Pre-Final Conference

12 & 13 June 2024 ESRF, Grenoble, France

## Wednesday 12 June

08:00 – 09:00	Welcome coffee and registration, ESRF entrance hall	
09:00 – 09:30	Opening remarks, Introduction: R&D&I projects, ESRF auditorium	P. Garcia Tello & M. Krisch
09:30 – 10:30	<b>R&amp;D&amp;I presentations (6 x 10')</b>	Chair: P. Garcia Tello
	<ul style="list-style-type: none"> <li>• Advanced Heat Exchange Devices – AHEAD</li> <li>• High-Performance, High-Resolution Optical Components in fused Silica Glass - Glass2Mass</li> <li>• Head-worn 3D Visualisation of the Invisible for Surgical Intra-Operative Augmented Reality - H3D VISIONAiR</li> <li>• Micromechanical Bolometer arrays for THz hyperspectral imaging - h-cube</li> <li>• Hyperspectral Imaging for Precision Medicine in cancer Diagnostics – HiPMed</li> <li>• Highly efficient IR detection unit based on high-purity black germanium technology - HYGER</li> </ul>	
10:30 – 11:00	Coffee break	
11:00 – 12:00	<b>Student Program presentations</b>	Chair: V. Eriksson
	<ul style="list-style-type: none"> <li>• Challenge Based Innovation - ATTRACT CBI-ATTRACT</li> <li>• From Smart Facilities to Smart Regions – BASE</li> <li>• ATTRACT CERN IdeaSquare Summer School – ACISS</li> <li>• Social Perspectives to Innovation Opportunities in Technology – SPOT</li> <li>• Challenge Based Innovation - A3 CBI A3 - Challenge based Innovation Fusion Point - CBI-FP</li> </ul>	
12:00 – 14:00	Networking lunch	
14:00 – 18:00	<b>Parallel session 1: TWD workshop, ESRF auditorium</b>	
14:00 – 15:30	Part one	P. Garcia Tello
15:30 – 16:00	Coffee break	
16:00 – 18:00	Part two	P. Garcia Tello
14:00 – 18:00	<b>Parallel session 2: Trainer's workshop, Seminar room, Science building</b>	
14:00 – 14:15	Introduction: TW workshop ( <i>facilitated by ATTRACT Academy Team</i> )	
14:15 – 15:30	Student Programs reflection Structured reflection session exploring programmes' collaboration experiences	
15:30 – 16:00	Coffee break	

# Pre-Final Conference

12 & 13 June 2024 ESRF, Grenoble, France

16:00 – 17:30	Knowledge transfer Interactive session exploring impact, dissemination, reporting and development
17:30 – 18:00	Future focus and feedback

18:00 – 19:00 Networking and aperitif, Terrace of EPN restaurant

19:00 – 22:30 Pre-Final Conference dinner, EPN restaurant

## Thursday 13 June

08:30 – 09:00 Coffee

09:00 – 10:00 **R&D&I presentations (6 x 10')**

Chair: A. McCarthy

- Prototyping a light-sheet microscope for the diagnostic of embryo implantation based on hyperspectral phasor analysis – HYLIGHT
- Integrated Adaptive liquid crystal lenses – IALL
- Market-Entry of Graphene-based large-Area Modulators with a Radical Production of Holographic displays – MEGAMORPH
- Adaptive Metamaterials for Smart Standalone histopathology with Polarized Light – META-HIGHLIGHT
- Microscopy with Multielement Quantum Detectors – MicroQuaD-Material science
- Innovative Nano and Laser Pipe Sensors for In Situ Gas Monitoring – PiPe4.0

10:00 – 11:00 **Student Programme presentations (5 x 12')**

Chair: K. Castrèn

- Challenge Based Innovation for Artificial Intelligence – CBI4AI
- Future Technologies for Sustainable Fashion – FTSF
- SUGAR Global Innovation – SGI
- Challenge based Innovation Fusion Point - CBI-FP
- Technology for Social Innovation – TeSI

11:00 – 12:30 **Student expositions** (*one booth per project for prototypes, posters. Soft drinks available during the exhibition*)

12:30 – 14:00 Networking lunch

14:00 – 15:30 **Socio-Economic Studies presentations**

Chair : V. Cochrane

- Entrepreneurial Mindset, Diversity of Research Teams and Open Innovation practices in ATTRACT innovation ecosystems – ATTRACT-EDMOI
- ATTRACT Behavioral Change 4 ERI scientists – ABC4E

# Pre-Final Conference

12 & 13 June 2024 ESRF, Grenoble, France

- Comparative analysis of socio-economic impact in two particle accelerator case studies – CASEIA
- The impact of data/ computational technologies produced by ERI-IE in industry: The case of life science – COMPUTE IMPACT
- Capability development of Open and Responsible innovation Ecosystems – CORE
- Using novel experimental approaches to boost science commercialisation success: A Pilot Study – NEXT
- Educating the next generation of tech entrepreneurs: Science-based Entrepreneurship Education as a means for university-industry technology transfer – NEXTGEN-TECH-ED

15:30 – 16:00	Coffee break	
16:00 – 17:00	<b>R&amp;D&amp;I presentations (6 x 10')</b>	Chair: P. Mutti
	<ul style="list-style-type: none"> <li>• Position-sensitive SiPM Compact and Scalable beta-Camera (Phase 2) – POSICS-2</li> <li>• In-silicio quantum generation of random bit streams – Random Power</li> <li>• Drone-based air pollution mapping for environmental monitoring and improvement of quality of life – SNIFFIRDRONE</li> <li>• Ultralow-power, Non-volatile, Random Access Memory Arrays for Datacentres and Space Applications – ULTRARAM</li> <li>• Universal Electrochemical Nanosensors for Next-generation Diagnostics – UNICORN Dx</li> <li>• Novel VISible-InfraRead imaging system in two-dimensional arrays – VISIR2</li> </ul>	
17:00 – 17:30	Conference wrap-up	P. Garcia Tello & M. Krisch
17:30 – 19:00	Networking and soft drinks	
19:00 – 21:30	Wine and cheese party, ESRF Entrance hall	