



















Innovation Days 3

Thursday 4th November 2025

Plenary Session - J021

- 8:15 Welcome Coffee
- 8:30 Computational Imaging and Computer Vision for Digital Humanities by **Philippe Colantoni** (Laboratoire Hubert Curien) 
- 9:05 From knees to Stones, Multidisciplinary Research in Image Processing by **Suzane Bussod** (IFPEN) 
- 9:40 Quizz 
- 9:50 Coffee Break 
- 10:15 Silicon Photonics : From Research to Industry by **Imène Reghioua** (ST microelectronics) 
- 10:50 Research and Development for Space Applications by **Nouridine Kerboub** (Centre National d'Etudes Spatiales) 
- 11.25 Quizz 
- 11.35 Lunch break 

Multi Session - Several Rooms

	Numerical Imaging & Digital Imaging A013 - C. Fournier	Artificial Intelligence L206 - I. Dubuisson	Electronics J0109 - G. Ciachera	Optics/Photonics J021 - M. Traynar/A. Cavanna
13:30	From physics to statistical modeling: measurement through machine learning by Felix Riedel 	Real-Time Adaptation of Video Segmentation using Deep Learning by Isidore Dubuisson 	Applied research in microelectronics, photovoltaics and photonics by Maxime Darnon 	Advanced Architectures of Fiber-Based Dosimeters : From the ISS to ground installations by Martin Roche 
14:00	Amélioration/Improving image quality in medical imaging and radar imaging by Louise Friot Giroux 	Towards intelligent networks by Kamal Singh 	Artificial intelligence and implementation on electronic circuits by Mathieu Descos 	Material ans laser processes for visual security features Manuel Flores 
14:30	Machine Learning for visual emotion analysis by Tristan Cladière 	Analysis of bone adaptations in microgravity by digital imaging by Elisa Barbarou 	Improvement of an optical smearing detection bench for image sensor validation by Tom Bretel 	Light and surfaces : a technician, Telecom engineer and researcher journey by Hugo Bruhier 
15:00	Image processing for biomedical diagnostics by Corinne Fournier 	Research in AI by Post-doctoral student 	Radiation Effects on RGB LEDs by Geoffrey Ciachera 	Optical accelerometer sensor for nuclear environment by Chloé Landreau 
15.30	Coffee Break+ Poster Session 			
15.45	Special Event 			
16:15	Talks with Companies about R&D			