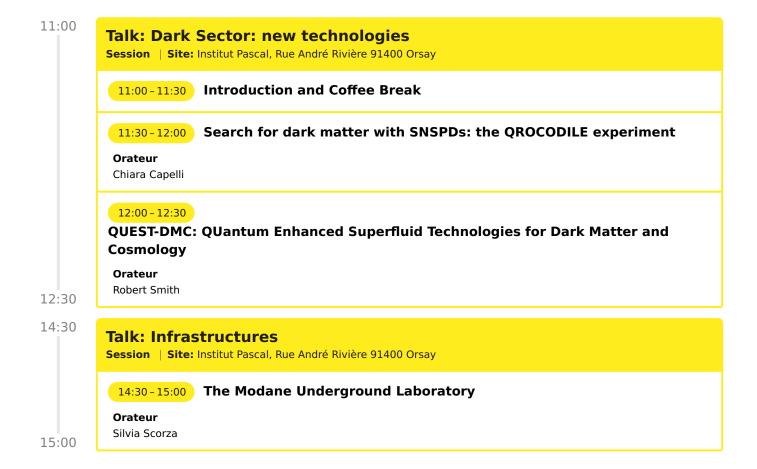


# lun. 3 novembre



### mar. 4 novembre

09:30

Talk: Dark Sector: Solid State Detectors Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay 09:30 - 10:00 One Electron at a Time: Skipper-CCD and beyond Orateur Javier Tiffenberg 10:00 - 10:30 Search for millicharged particles with Skipper-CCDs at particle accelerators. Orateur Santiago Perez 10:30 - 11:00 The DAMIC-M experiment: light dark matter in a kg-scale Skipper CCD detector Nicolás AVALOS 11:00 - 11:15 Appel à Programme Institut Pascal 11:15 - 11:45 Coffee Break 11:45-12:15 Overview of the future TESSERACT experiment at LSM Orateur Julien BILLARD 12:15-12:45 The SuperCDMS Experiment at SNOLAB Orateur Matthew Stukel 12:45-13:15 Search for light dark matter with CRESST-III Orateur Paolo Gorla

13:15

## mer. 5 novembre

09:30 Talk: Dark Sector: Liquid and Gaseous Detectors Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay 09:30 - 10:00 Xenon detectors for light dark matter searches Orateur Jelle Aalbers 10:00-10:30 The future of the liquid argon technology in astroparticle physics Orateur Davide Franco 10:30-11:00 Searching for Light Dark Matter with the NEWS-G Experiment Orateur Marie-Cecile Piro 11:00 - 11:30 Coffee Break 11:30 - 12:00 PandaX: Large Scale Underground Liquid Xenon Observatory for Dark Matter and **Neutrinos** Orateur Shaobo Wang 12:00 - 12:30 Dark matter searches with helium targets in TESSERACT Orateur Knut Moraa

12:30

# jeu. 6 novembre

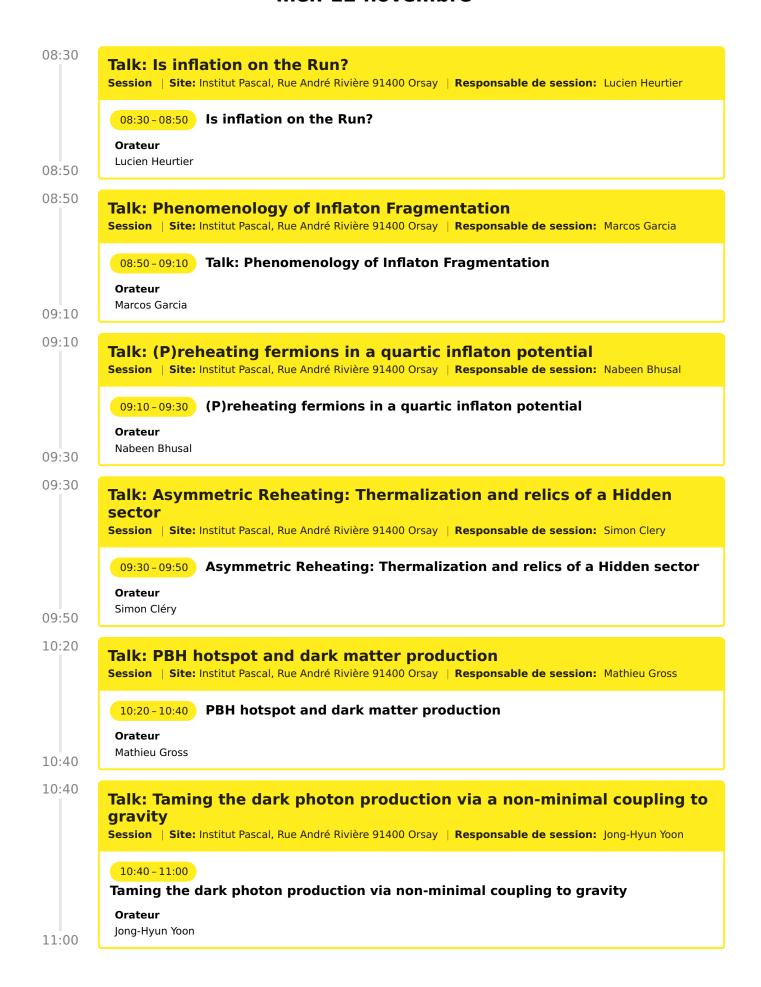
09:30 **Talk: Axion Detectors** Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay 09:30-10:00 Axion dark matter searches with the DAWA experiment Orateur Laurent Chevalier 10:00 - 10:30 The IAXO and BabylAXO Experiments: Status, Detector Developments, and Future **Prospects** Orateur Esther Ferrer Ribas 10:30 - 11:00 Recent Results and Current Efforts from BREAD Orateur Gabe Hoshino 11:00 - 11:30 Coffee Break 11:30-12:00 Searching for Dark Matter with MADMAX Orateur David Leppla-Weber 12:00-12:30 Status report on the ADMX and QSHS instruments Orateur

12:30

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# ven. 7 novembre

### mer. 12 novembre



11:00 Talk: Primordial Black Holes in a Thermal Bath: Cosmological **Implications** Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay | Responsable de session: Riajul Haque 11:00 - 11:20 Primordial Black Holes in a Thermal Bath:Cosmological Implications Orateur Riajul Haque 11:20 11:20 Talk: Radiative corrections in Starobinsky inflation Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay | Responsable de session: Wenqi Ke 11:20-11:40 Radiative corrections in Starobinsky inflation Orateur Wenqi Ke 11:40 13:30 Talk: Inflationary particle production Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay | Responsable de session: Oleg Lebedev 13:30 - 13:50 Inflationary particle production Orateur Oleg Lebedev 13:50 13:50 Talk: Ultra-relativistic freeze-out during the reheating epoch: cold dark matter from a hot birth Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay | Responsable de session: Stephen Henrich 13:50 - 14:10 Ultra-relativistic freeze-out during the reheating epoch: cold dark matter from a hot birth Orateur Stephen Henrich 14:10 14:10 Talk: Quantum Sensors in the Search for Ultralight Axion-like Dark Matter Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay | Responsable de session: Sreemanti Chakraborti 14:10-14:30 Quantum Sensors in the Search for Ultralight Axion-like Dark Matter Orateur Sreemanti Chakraborti 14:30 15:00 Talk: Higgs pole inflation and its realizations Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay | Responsable de session: Hyun Min Lee 15:00-15:20 Higgs pole inflation and its realizations Orateur Hyun Min Lee 15:20

15:20 Talk: Infrared fluctuations from Inflation: Dark Matter and its GW **Signatures** Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay | Responsable de session: Debaprasad Maity 15:20 - 15:40 Infrared fluctuations from inflation: Dark Matter and its GW Signatures **Debaprasad Maity** 15:40 15:40 Talk: Dark matter spikes as a laboratory for particle physics Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay | Responsable de session: Alejandro Ibarra 15:40 - 16:00 Dark matter spikes as a laboratory for particle physics Orateur Alejandro Ibarra 16:00 16:30 Talk: Inflaton Quanta: A Window into Reheating? Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay | Responsable de session: Kunio Kaneta 16:30-16:50 Inflaton Quanta: A Window into Reheating? Orateur Kunio Kaneta 16:50 16:50 Talk: Self-Gravity in Superradiance Clouds: Implications for Binary **Dynamics and Observational Prospects** Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay | Responsable de session: Hyungjin Kim 16:50 - 17:10 Self-Gravity in Superradiance Clouds: Implications for Binary Dynamics and **Observational Prospects** Orateur Hyungjin Kim 17:10