

Program PyMoDAQ days 2025

Address: Building 20 - L2C - Laboratoire Charles Coulomb - Université de Montpellier - Place E. Bataillon

Version: Sept. 29th 2025

	Wednesday, Oct 8 th	Thursday, Oct 9 th	Friday, Oct 10 th	
09:00		Round table <i>Scripting PyMoDAQ</i>	Round table <i>Management of the Github repositories Configuration mechanisms</i>	
09:15				
09:30		Constant Schouder (CNRS - ISMO)		
09:45		<i>Upgraded PID module</i>		
10:00		Jocelyn Rebufa (Cedrat Technologies) <i>Implémentation du module PyMoDAQ de Cedrat Technologies</i>	Maria Flesch (CEMES) <i>FAIR data with PyMoDAQ</i>	
10:15				
10:30		Coffee break	Coffee break	
10:45				
11:00		Malik Irain (CEMES) <i>Communication With Devices Outside of PyMoDAQ</i>	Aurore Finco (L2C) <i>Analysis of scanning NV microscopy data with PyMoDAQ data and gui</i>	
11:15				
11:30		Sebastien Weber (CNRS - CEMES) <i>Bayesian Optimisation with PyMoDAQ</i>	Round table <i>Live acquisition with ramp/speed control The future sequencer/configurator extension</i>	
11:45				
12:00	Constant Schouder (CNRS - ISMO) <i>User-friendliness of PyMoDAQ</i>			
12:15				
12:30		Lunch	Lunch	
12:45				
13:00				
13:15				
13:30				
13:45				
14:00	Sébastien Weber - Aurore Finco <i>Introduction to PyMoDAQ</i>	Benedikt Burger (TNG Technology Consulting GmbH) <i>AI-Assisted Coding for Scientific Workflows: Boosting Productivity with Guardrails</i>		
14:15				
14:30	L2C Team <i>Live demo from the labs</i>	Brian Squires (Univ. of North Texas) <i>PyRPL Integration: A Real-Time FPGA Control Module for PyMoDAQ</i>		
14:45				
15:00		Round table <i>Artificial intelligence</i>		
15:15				Coffee break
15:30				Valentin Rollo (CEMES) <i>PyMoDAQ at the heart of a laser beam shaping experiment</i>
15:45				
16:00	Sébastien Weber (CEMES) <i>The data mixer extension</i>	Coffee break		
16:15				
16:30	Bernhard Lang (Geneva Univ.) <i>PyMoDAQ in the Physical Chemistry Department in Geneva</i>	Pymolympics		
16:45				
17:00	Lab tour			
17:15				
17:30				
17:45				
18:00		Dinner		
18:15				
18:30				
18:45				
19:00				
19:15				
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19:45				
20:00				