

**Session Program**

7–10 Jul 2025

**Bridging high and low energies in search of quantum  
gravity - 2025 Cost Action CA23130 First Annual  
Conference**

***WG4 Low-energy high-precision experiment***

LPNHE, Amphithéâtre Charpak  
4 Place Jussieu 75005 Paris Tour 22

Wednesday 9 July

14:00

15:20

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| <b>WG4 Low-energy high-precision experiment</b>                                      |   |
| Session   Location: LPNHE, Amphithéâtre Charpak, 4 Place Jussieu 75005 Paris Tour 22 |   |
| 14:00–14:40  | <b>Exploring gravity with micro-mechanical oscillators</b>  |
| Speaker<br>Francesco Marin   |   |
| 14:40–15:00  | <b>Testing Quantum Mechanics Underground: Collapse models and Pauli Exclusion Principle</b>                     |
| Speaker<br>Catalina Curceanu   |   |
| 15:00–15:20  | <b>Superconducting electro-mechanics to explore the effects of general relativity in massive superpositions</b> |
| Speaker<br>Gary Steele   |   |