

# CoCoRICO

**Controlled confinement to reduce the inaccuracy of clocks based on optical lattices**

**JRP 23FUN02**

<https://cocorico.obspm.fr/>

## Stakeholder workshop

*Date:* **July 12th, 2024**

*Online, Connection link:*

<https://cnrs.zoom.us/j/99218492219?pwd=vO4EzqvnIQJPJ8qBOdKZpn38OlonWz.1>

The CoCoRICO EURAMET project, aims at developing tailored and controllable potentials for optical lattice clocks, such as high order modes, optical tweezers, conveyor belts, in order to explore and better evaluate the systematic uncertainty of these clocks.

The aim of the workshop is to present the activities and the planned research work of all participants. The workshop will foster interaction and exchange with stakeholders and potential collaborators. The target audience is academic researchers working on trapped cold atoms for quantum technologies (quantum simulators, computers, and sensors) and who may find synergies with the project goals ; agencies interested in the applications of optical clocks ; and industries seeking to develop quantum sensors and associated technologies.

## Agenda

14:10 (CET, UTC+2) Introduction

14:20 OBSPARIS                      Jérôme Lodewyck

14:40 INRIM                         Marco Tarallo

15:00 PTB                            TBC

15:20 CNRS                         Laurence Pruvost

15:40 IOGS                         Andrea Bertoldi

16:00 Break

16:20 UMK                          Michał Zawada

16:40 UvA                            Sumit Sarkar and Florian Schreck

17:00 NPL                          Maxime Favier

17:20 UDUR                         Matt Jones

17:40 Conclusion