

## Post doc position on strontium Optical Lattice Clocks

Wed, 2014-12-17 16:34 - [admin](#) [1] **At:** SYRTE, Paris Observatory

**Deadline:** 15 January, 2015

### Location

SYRTE, Paris Observatory Paris France  
48° 51' 23.8104" N, 2° 21' 7.9992" E

We are opening a post-doc position at SYRTE, Observatoire de Paris, on strontium Optical Lattice Clocks. The research project aims at implementing a non-destructive detection of populations of lattice-trapped atoms. The scheme is based on a high finesse 2-color cavity, in which the lattice light (813 nm) and the detection light (461 nm) are overlapped. This approach can potentially lead to an almost continuous probing of the atomic "clock" transition (at 698 nm).

Please contact [jerome \[dot\] lodewyck \[at\] obspm \[dot\] fr](mailto:jerome.lodewyck@obspm.fr) and [rodolphe \[dot\] letargat \[at\] obspm \[dot\] fr](mailto:rodolphe.letargat@obspm.fr) for further details, the job description can be found on the SYRTE website:

[http://syрте.obsрm.fr/tfc/frequences\\_optiques/offers/2014\\_10\\_Post-doc\\_Sr...](http://syрте.obsрm.fr/tfc/frequences_optiques/offers/2014_10_Post-doc_Sr...) [2]

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