

Extension of REFIMEVE with a White Rabbit network

T-REFIMEVE is a new project funding the infrastructure REFIMEVE, in which one of the objectives is the deployment of a White Rabbit network at the French national scale. Here we report on our current status of the deployment of a White Rabbit network disseminating UTC(OP) to five academic users over a maximum distance of 40 km. We report loop-back measurements and compare results obtained with time transfer and frequency transfer, and discuss the results.

Authors: POTTIE, Paul-Éric (Observatoire de Paris-PSL, CNRS, SU, LNE); Dr LIM, Caroline B. (Observatoire de Paris-PSL, CNRS, SU, LNE); Dr FRANK, Florian (Observatoire de Paris-PSL, CNRS, SU, LNE); Mr CHUPIN, Baptiste (Observatoire de Paris-PSL, CNRS, SU, LNE); Mr CHIU, Olivier (Observatoire de Paris-PSL, CNRS, SU, LNE); Dr ABGRALL, Michel (Observatoire de Paris-PSL, CNRS, SU, LNE); Dr TUCKEY, Philip (Observatoire de Paris-PSL, CNRS, SU, LNE); Dr CANTIN, Etienne (USPN, CNRS); Dr CHARDONNET, Christian (USPN, CNRS); AMY-KLEIN, Anne (USPN, CNRS)

Presenter: POTTIE, Paul-Éric (Observatoire de Paris-PSL, CNRS, SU, LNE)

Track Classification: Time and Frequency Transfer