

Biannual project meeting 4

7 December 2020

online



Agenda (all times CET)

10:00-10:15 – Introduction and organisational remarks - N. Korolkova

10:15-11:15 – **HWU** update on GLS samples and progress towards deliverable (45 min presentation + 15 min questions/discussion)

D1.2. Report on proof-of-principle demonstration of non-classical output from PhoG (HWU)

11:15-12:00 – **UPB** update on characterization and detection (35 min presentation + 10 min questions/discussion)

12:00-13:00 – Theory update: Quantum pulse propagation (**USTAN**); Progress with CDP circuits design (**IPNASB**), (two presentations 20 + 10 min and 20 + 10 min)

13:00-13:30 – Discussion

13:30-14:30 – lunch break

14:30-15:30 – **CSEM** update on imaging and progress on PhoG based super-resolution imaging breadboard tests; Brief summary of plans towards atomic clock enhanced performance. (45 min presentation + 15 min questions/discussion)

15:30-16:30 – Final discussions with finalising of the detailed workplan for the next period (26-32 months).

List of participants:

USTAN: N. Korolkova, M. Thornton, P. de la Hoz

HWU: R. Thompson, J. Siliprandi, D. Maclachlan

IPNASB: D. Mogilevtsev, A. Mikhalychev, I. Karuseichyk

UPB: Ch. Silberhorn, B. Brecht, M. Stefszky

CSEM: D. Boiko, S. Denis