CCRI(II) workshop on

Draft A results of the 2021 Cd-109 K2 comparison

25 September and 26 September 2023 from 12 h 00 to 14 h 30 Paris time / 10 h 00 to 12 h 30 UTC Online *via* Teams

Participants:

Restricted to participants in the ¹⁰⁹Cd 2021 K2 comparison

Aims:

- Presentation of the comparison results
- Presentation by the participants of their measurement method(s) and results
- Discussion of the results and identification of pitfalls in activity measurement of ¹⁰⁹Cd

Programme DAY 1

Introduction

| 12:00 Paris time 10:00 UTC | C. Michotte (BIPM): Welcoming address | | |
|---------------------------------|---|--|--|
| 12:05 Paris time 10:05 UTC | C. Michotte (BIPM): Overview of the 2021 ¹⁰⁹ Cd K2 comparison | | |
| 13:00 Paris time 11:00 UTC | Discussion | | |
| Presentations from participants | | | |
| 13:20 Paris time 11:20 UTC | J. Sochorová (CMI) : 4P-NA-XR-00-00-HE using 2 NaI(TI) detectors with Beryllium window | | |

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| 13:40 Paris time | PTB: the 4P-LS-CE and 4P-PP-CE methods |
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| 11:40 UTC | |

Discussion and summary of the day

| 14:20 Paris time | End of first day |
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| 12:20 | |

| 12:00 Paris time 10 h UTC | Welcome back by C. Michotte |
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| 12:05 Paris time 10:05 UTC | L. Laureano-Perez (NIST) 4P-LS-CE-GH-GR-HE (combined emission rates) |
| 12:20 Paris time 10:20 UTC | R. Galea (NRC) 4P-LS-CE-GH-GR-HE |
| 12:40 Paris time 10:40 UTC | R. Coulon (BIPM, pilot study) 4P-LS-CE-00-00-HE |
| 13:00 Paris time 11:00 UTC | N. Navarro (CIEMAT) 4P-LS-MX-00-00-TD |
| 13:20 Paris time 11:20 UTC | Discussion on LSC methods |

General discussion and conclusion

| 14:30 Paris time | End of the workshop |
|------------------|---------------------|
| 12:30 UTC | |

DAY 2