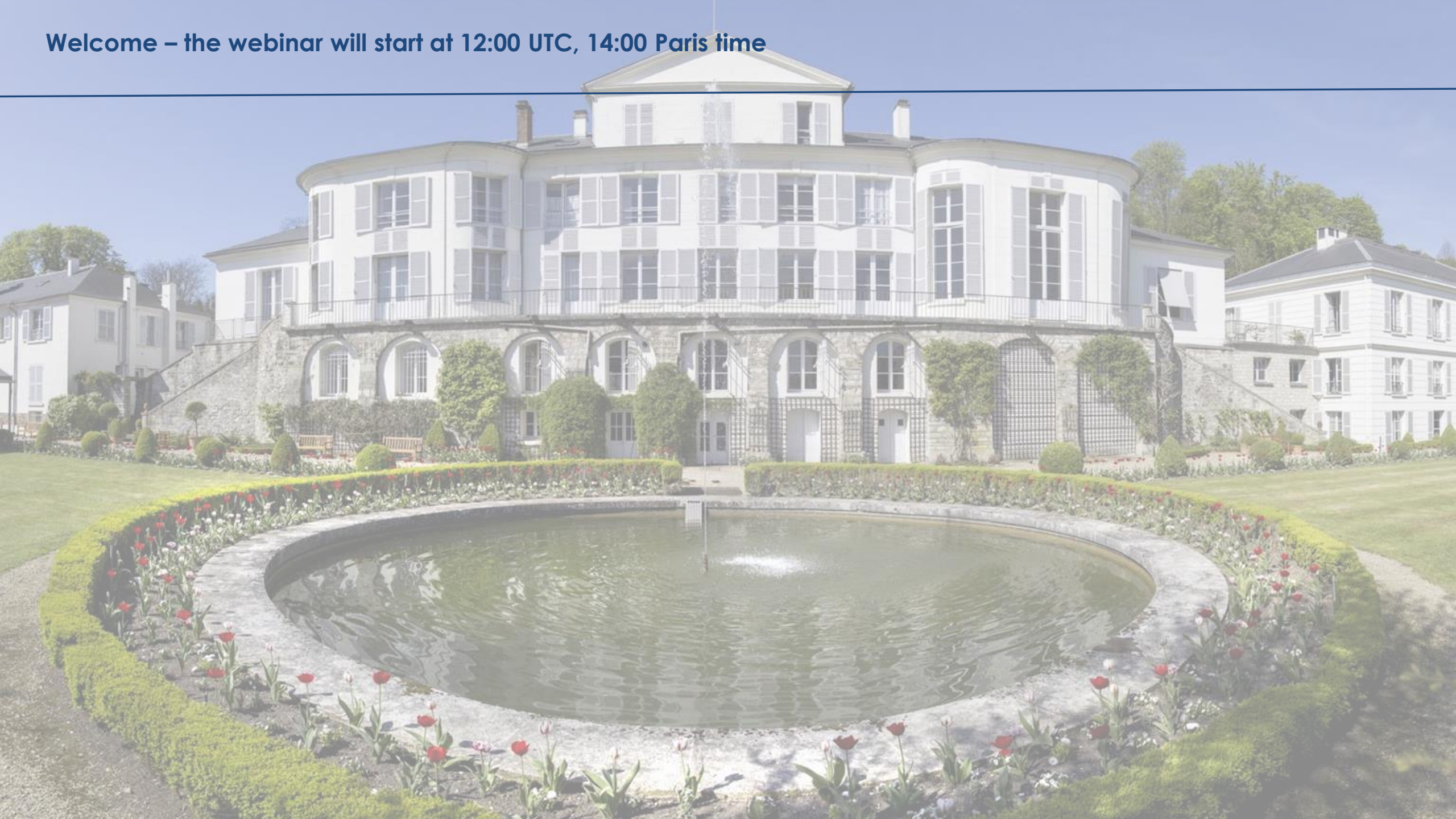


Welcome – the webinar will start at 12:00 UTC, 14:00 Paris time





CCRI Webinar

Updates on *X-ray*

IMAGING DIAGNOSTICS PRACTICES



REGISTER NOW



2025 events to build a vision of the future of Ionizing Radiation Metrology

150th Anniversary of the Metre Convention - 65th Anniversary of the BIPM Ionizing Radiation Department



January 23: **Webinar:** Accelerator Neutron Source for BNCT – Challenges in Traceability (H. Tanaka)



February 26: **Webinar:** The role of radioactive sources in ionizing radiation metrology (M. McEwen)



March 28: **Webinar:** Radionuclide Reference Materials (I. Vukanac)



April 24: **Webinar:** Updates on X-ray Imaging Dosimetry Practices



May 16: **Hybrid Workshop:** Mass Spectrometry in Radionuclide Metrology (NPL) ←



May 19–23: 24th **Intl. Conference** on Radionuclide Metrology and Applications ←



May 20–22: BIPM-UNESCO **150th Anniversary Celebration** (Paris & Versailles) ←



July 7–8: **Hybrid Workshop:** High-Energy Neutron Fields (IAEA) ←



September 15-16: **Hybrid Workshops** at F-REI, Japan:
Dosimetry Protons & Heavy Ions in Therapy - 16/09
Radiation Therapy – 16/09



October 15: **Webinar:** Monte Carlo Simulations in Ionizing Radiation Metrology



November 5: **Online Workshop:** Future of Radionuclide Metrology & CCRI(II)



November 6: **Hybrid Workshop:** Past & Future of Ionizing Radiation Metrology (BIPM)



Guidance for today

During webinar

- Turn your video off
- Mute your microphone

Questions

- During presentations: text questions using the Q&A facility. They will be read after the talks.
- End of the presentations: Raise your hand with the zoom option, so that you can ask your question directly. Please activate your microphone and camera when it is your turn to speak.

After the webinar

- The presentations are being recorded and will be available on <https://www.youtube.com/thebipm>

Next CCRI event: 16/05 at NPL - <https://www.npl.co.uk/events/applications-of-mass-spectrometry>

EVENTS

Current and future applications of mass spectrometry

MetroPOEM stakeholder meeting and CCRI(II) task group



The meeting is divided into two parts:

- 15/05: **3rd stakeholder Workshop of the EURAMET MetroPOEM project** (*Metrology for the harmonisation of measurements of environmental pollutants in Europe*) discussing harmonising methods for mass spectrometric measurement of stable and radioactive pollutants in the environment.
- **16/05: CCRI(II) Mass spectrometry Task Group Workshop on the role of mass spectrometry in radionuclide metrology for application areas** including nuclear decommissioning, environmental radioactivity and nuclear forensics.

Today webinar

Updates on X-ray imaging Dosimetry Practices

This webinar responds to challenges that have been identified in the X-ray imaging dosimetry and ionizing radiation metrology. What updates are proposed to international standards, calibration capabilities and dosimetry codes or practice to address the current needs, and to maintain traceability in X-ray imaging dosimetry.

- Introduction (**Paula Toroi**, STUK, Finland)
- Update of reference radiation qualities (**Stefan Pojtinger**, PTB, Germany)
- Definition of XMM measurement quantities (**Miloš Živanović**, VINS, Serbia)
- Clinical implementation of new procedures (**Olivera Ciraj Bjelac**, IAEA)

Chaired by Paula TOROI (STUK)

