

Session Program

7-11 Oct 2024



**CCQM meeting of the working groups CAWG,
NAWG, and PAWG**

***Workshop "Towards standardized pathogen
measurements"***

PTB Berlin
Abbestr. 2 10587 Berlin

Thursday 10 October

09:15

Workshop "Towards standardized pathogen measurements": Session 1

Session | **Location:** Hermann-von Helmholtz Bau, Lecture Hall | **Convener:** Dr Esmeralda Valiente

09:15-10:00

Quality assurance and standardization in molecular diagnostics of infections - Results from international IFCC surveys

Speaker

Prof. Dr. Parviz Ahmad-Nejad

10:00-10:25

Ensuring accuracy in the development and application of bioanalytical diagnostic tests for infectious disease

Speaker

Dr Jim Huggett

10:25-10:50

Coffee break

10:50-11:15

Antimicrobial susceptibility testing of veterinary pathogen bacteria: possibility and needs

Speaker

Dr Heike Kaspar

11:15

11:15

Workshop "Towards standardized pathogen measurements": Session 2

Session | **Location:** Hermann-von Helmholtz Bau, Lecture Hall | **Convener:** Dr Megan Cleveland

11:15-11:40

Protein reference material development for increased confidence in COVID-19 testing

Speaker

Dr Bradley Stocks

11:40-12:05

Advanced molecular diagnostics for the detection of high risk pathogens: exploring new technologies for scalable, rapid, on-site pathogen detection

Speaker

Dr Andreas Puyskens

12:05-12:30

Boosting Accuracy in Viral Load measurements with a Powerful Duo: Isotope Dilution Mass Spectrometry and Digital Droplet PCR

Speaker

Yan Yan Beer

12:30-12:55

Standardisation of Genome Amplification Techniques (SoGAT): current challenges in harmonising measurement for NAT based diagnostics

12:55	<p>Speaker Dr Neil Almond</p>
13:40	<p>Workshop "Towards standardized pathogen measurements": Session 3 Session Location: Hermann-von Helmholtz Bau, Lecture Hall Convener: Dr Bradley Stocks</p>
	<p>13:40–14:05 Challenges in standardized pathogen identification and quantification in patient samples Speaker Prof. Dr. Udo Reischl</p>
	<p>14:05–14:30 The challenges in preparation of control materials for small inter-laboratory comparisons: case studies of MPXV and Listeria monocytogenes Speaker Dr Alexandra Bogožalec Košir</p>
	<p>14:30–14:55 Reliable quantification of control samples for the virus genome detection to assess laboratory performance in EQA schemes Speaker Dr Annemarie Martin</p>
15:20	<p>14:55–15:20 Synthetic Nucleic Acids as Reference Materials for Emerging Viruses Speaker Dr Megan Cleveland</p>
15:20	<p>Workshop "Towards standardized pathogen measurements": Final discussion Session Location: Hermann-von Helmholtz Bau, Lecture Hall</p>
15:45	