Metrology Digitalization Workshop Agenda

Workshop Theme: **"Conceptualize, Model, and Implement"**

9:00 - 9:05 | Welcome to workshop (5') - *Georgette Macdonald*, President NCSLI

9:05 - 9:10 | Introduction to the workshop (5') - *Mark Kuster*, Chair NCSLI MII Committee 141

9:10 - 9:35 | CIPM Forum on Metrology and Digitalization and the SI Digital Framework (20' + 5') - *Anna Cypionka*, BIPM

9:35 - 10:10 | Model-driven software development and Metrology Model applications (30' + 5') - *Michael Schwartz*, Cal Lab Solutions

10:10 – 10:25 | Morning Break (15')

10:25 - 10:40 | Introduction to CATWOE analysis and stakeholder perspectives to digital transformation (10' + 5') - *Andrew Oldershaw*, NRC

10:40 - 11:00 | Collaborative activity – Metrology model application ideation (20') - all participants

11:00 - 11:20 | Lightning talks – group outcomes (2'/group) - all participants

11:20 - 11:40 | Building robust digital descriptions of measurement capabilities (20') - *Mark Kuster*, MII

11:40 - 12:00 | Demonstration - Metrology Metadata Applications (20') - MII Committee

12:00 - 13:00 | Lunch

13:00 - 13:25 | Data management principles at industrial calibration labs (20' + 5') - *Heidi Foldal*, Novo Nordisk

13:25 - 13:50 | Digitalization of Device Specifications (20' + 5') - *Mike Brown*, Fluke

13:50 - 14:15 | Discussion - Accreditation and Conformance Assessment Measurement Classifications (20' + 5') - *Rob Knake*, NIST

14:15 - 14:30 | Afternoon Break (15')

14:30 - 15:05 | Digitalization from the perspective of instrument manufacturers – challenges to deliver digital calibration certificates (30' + 5') - *Jeff Gust*, Fluke

15:05 - 15:35 | Collaborative Activity – Identifying and structuring manufacturer specifications, accredited measurement capabilities, and certificate calibration data (30') - all participants

15:35 - 15:55 | Lightning talks – group outcomes (2'/group) - all participants

15:55 - 16:30 | Demos, open discussion and closing remarks - *Mark Kuster*, MII