



SIM Workshop on Comparison Analysis

SIM Photometry and Radiometry Working Group

19 – 20 May 2016 – Gaithersburg, MD

Thursday, May 19

- 8:00 a.m. Registration
- 8:30 a.m. Safety Remarks and Introductions
- 8:50 a.m. Welcome – NIST Representatives ([Gerald Fraser](#) and [Claire Saundry](#))
- 9:10 a.m. [CCPR – Consultative Committee for Photometry and Radiometry](#) (Maria Nadal, NIST)
- 9:45 a.m. [Fundamentals of Radiometry – CCPR Key Comparisons K1, K2](#) (Howard Yoon, NIST)
- 10:45 a.m. Break
- 11:00 a.m. [Fundamentals of Photometry – CCPR Key Comparisons K3, K4](#) (Yuqin Zong, NIST)
- 12:00 Lunch
- 1:00 p.m. [Fundamentals of Spectrophotometry – CCPR Key Comparisons K5, K6](#) (Joanne Zwinkels, NRC Canada)
- 2:00 p.m. [Uncertainty analysis – Key Comparison Reference Value, KCRV and Degree of Equivalence, DoE](#) (Antonio Possolo, NIST)
- 3:00 p.m. Break
- 3:30 p.m. [CCPR Guidelines: G5, G6 on RMO Comparison Linkage](#) (Yoshi Ohno, NIST)

Friday, May 20

- 8:30 a.m. [SIM Quality Task Force and the NIST Quality System](#) (Catherine Cooksey, NIST)
- 9:30 a.m. [Calibration Measurement Capabilities, CMCs Review Process – From Submission to Final Approval](#) (Douglas Olson, BIPM and NIST)
- 10:30 a.m. Break
- 10:45 a.m. [Examples of SIM Comparisons](#) (Howard Yoon and Maria Nadal)
- 11:30 a.m. MW2 meeting (SIM members)
- 12:30 Lunch
- 1:30 – 4:00 NIST Laboratory Tours:
Spectrophotometry, Photometry, and Radiometry