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