

Poster presentations in Session B: Thursday 26 June at 13:30 - 16:00

Abstract No.	Presenter and title
DBS_OR_001	Yuqiang Deng, Traceable terahertz radiometry with a high absorbance coating
DBS_OR_005	Dong-Joo Shin, Non-linearity of silicon photodiodes with a dependence on wavelength and incidence geometry
DBS_OR_008	Emma Woolliams, Determining the uncertainty associated with an integrated quantity calculated from partially correlated spectral data
DBS_OR_009	Ian Littler, Predicting wavelength dependent responsivity-drift in silicon
DBS_OR_020	Meelis-Mait Sildoja, Use of Photocurrent Ratio for Reflectance Determination of the Predictable Quantum Efficient Detector
DBS_OR_027	Uwe Arp, Use of a Laser-Driven Plasma Source in the Ultraviolet Spectral Comparator Facility
DBS_OR_031	Siarhey Nikanenka, The standard of average power, attenuation and wavelength of optical radiation for fiber-optic communication systems
DBS_OR_032	Thiago Menegotto, Bilateral Comparison of Cryogenic Radiometers using Transfer Detectors
DBS_OR_035	Howard Yoon, SI-traceable calibrations and nonlinearity measurements of current-to-voltage convertors
DBS_PO_003	Özcan Bazkir, Establishment of Pulsed Laser Energy Measurement Scale
DBS_PO_006	Andreas Steiger, Detector-based terahertz radiometry: scale realization with reduced uncertainty
DBS_PO_011	Ingmar Müller, Experimental validation of the predictability of a Predictable Quantum Efficient Detector by a direct intercomparison
DBS_PO_012	Denis Otryaskin, Measurement of Spectral Irradiance Responsivity of Filter Radiometers
DBS_PO_013	Peter Blattner, Devices for characterizing the wavelength scale of UV spectrometers
DBS_PO_014	Naohiko Sasajima, Comparison of WC-C peritectic fixed point cells between VNIIOFI, NIM and NMIJ
DBS_PO_017	Jarle Gran, Experimental prediction of Predictable Quantum Efficient Detector responsivity
DBS_PO_018	Lutz Werner, Reducing the uncertainties of detector calibrations against cryogenic electrical substitution radiometers
DBS_PO_026	Jeanne-Marie COUTIN, Measurement of the absorptance of the new cryogenic radiometer cavity from the ultraviolet to the near infrared range
DBS_PO_029	Francois Shindo, Near-infrared detector spectral response scale – short wavelength comparison between MSL and CMI
DBS_PO_033	Dmitri Scumd, Practical metrology aspects of the determination of spectral responsivity for optical radiation detectors
DBS_PO_034	Maurício de Lima, Towards the implementation of spectral irradiance scale based on a filter radiometer in Brazil
DBS_PO_036	YongShim Yoo, Verification of the detector-based radiometry scale against ITS-90 via a filter radiometer calibrated by using the pulsed laser-based uniform source at KRISS
DBS_PO_037	Siarhey Nikanenka, Realization of the scale of illuminance in the range from 0.001 to 1 lux at BelGIM
DBA_OR_002	Sergey Anevsky, Method for the characterization of an optical imaging system using the MLS synchrotron radiation primary source standard
DBA_OR_008	Jan Lalek, How to ensure the highest quality of LED measurements using the halogen reference light source for the calibration of measuring instruments?
DBA_OR_012	Chi Kwong Tang, Two-dimensional simulation of an induced-junction detector with Genius device simulator towards a predictable quantum efficient detector
DBA_OR_019	George Eppeldauer, High sensitivity radiance and luminance meters
DBA_OR_020	Dong-Hoon Lee, Noise analysis in differential measurement of detector responsivity
DBA_OR_021	Paul Dekker, Using a laser driven light source for spectral responsivity calibration of detectors between 250 nm and 400 nm
DBA_OR_022	George Eppeldauer, IR enhanced Si reference detector for 1-step scale transfer between 300 nm and 1000 nm
DBA_OR_023	Mathias Kehrt, A Transition Edge Sensor Bolometer for Fourier Transform Spectroscopy in the FIR Range - Design and Characterization
DBA_OR_036	Marit Ulset Sandsaunet, Characterization of a Predictable Photodiode Cryogenic Radiometer for measuring fundamental constants
DBA_OR_037	Udo Krueger, Selected aspects of measurement uncertainty evaluation of chromaticity values for LED measurements including correlations
DBA_OR_038	Luciana Alves, Development and Characterization of Broadband UVA and UVB Radiometers
DBA_OR_041	Jimmy DUBARD, Uncertainty evaluation of solar UV irradiance measurement using array spectroradiometer
DBA_OR_043	Peter Sperfeld, Application of a compact array spectroradiometer for the UV spectral range

DBA_PO_004	Maria Jose Martin, A new filter radiometer for the thermodynamic measurement of high temperature fixed points
DBA_PO_006	Marco Antonio López Ordoñez, Determination of the spatial uniformity of a light source for camera calibration by principal components analysis
DBA_PO_007	Stefan Kück, Traceable measurement of high laser power in the 1- μ m spectral range
DBA_PO_009	Alexander Gottwald, Detector-based Radiometry and Reflectometry in the EUV and VUV Spectral Ranges
DBA_PO_013	Evangelos Theocharous, Measurement of the relative spectral radiance responsivity of the three EarthCARE flight model Broad Band Radiometers
DBA_PO_015	Howard Yoon, Improving the wavelength accuracy of the Cary 14 prism-grating monochromator
DBA_PO_017	Takayuki Numata, Characterization of CCD detectors for laser power measurement
DBA_PO_044	Lars Bünger, Comparison of measured and deconvolved relative spectral responsivities of a CCD-Camera by using the Richardson-Lucy method
DBA_PO_045	Fabian Plag, Investigation of Spectroradiometer Entrance Optics for Characterization of Expanded Radiant Areas
QOT_OR_002	Stefan Kück, Detection Efficiency Calibration of Silicon Single-Photon Avalanche Diodes Traceable to a National Standard
QOT_OR_006	Qiang Wang, Accurate characterization of superconducting nanowire single photon detector
QOT_OR_008	Ivo Pietro Degiovanni, Reconstruction of the mode structure of multimode optical fields through photon number resolution
QOT_OR_013	Aigar Vaigu, Traceability at the single photon level for quantum communication
QOT_PO_001	Han Seb Moon, Broadband visible source for spectral response measurement of single photon detectors
QOT_PO_004	Toomas Kübarsepp, High-attenuation tunnel-type detector for calibration of single-photon devices
QOT_PO_009	Ingmar Müller, Calculation and experimental validation of the photon statistics of the Undulator U180 of the Metrology Light Source in the visible and NIR
OT_OR_001	Hsueh-Ling Yu, New Apparatus for Fluorescence Spectrophotometer Calibration
OT_OR_002	Wen-Chun Liu, Bilateral Comparison of Diffuse Reflectance
OT_OR_005	Evangelos Theocharous, Absolute linearity measurements on three InSb detectors in the infrared
OT_OR_007	Evangelos Theocharous, Assembly and evaluation of a pyroelectric detector bonded to vertically aligned multiwalled carbon nanotubes over thin silicon
OT_OR_011	Tuomas Poikonen, Adjustable Power Line Impedance Emulator for Characterization of Energy-Saving Lamps
OT_OR_012	Siarhey Nikanenko, Setup for measurement of the optical characteristics of UV-NIR solid-state light sources emission
OT_PO_003	Klodian Dhoska, Dimensional Accuracy for Multi-element Photodetector
OT_PO_004	Alexander Gottwald, Measurement and Calibration Facilities at the Metrology Light Source
OT_PO_006	Andreas Höpe, Virtual experiment uncertainty analysis of robot-based gonireflectometers
OT_PO_008	Richard Kift, Use of an array spectroradiometer for monitoring solar radiation at a mid-latitude site.
OT_PO_010	Kathryn Nield, Heat-Pipe Temperature Controller System for the Room Temperature Predictable Quantum Efficient Detector
OT_PO_013	Olga Kozlova, Performances of the innovative portable spectroradiometer: rapid wide-range tunability and high reproducibility