

Poster Session (A), June 14, 2017

ID	Presenter	Title
EAO-PA-1	Andrey Burdakin	Space-Flight Experiment on Board the "Foton-M" # 4 Reentrant Vehicle ? First Step Towards Space-Borne High-Stability Fixed-Point Reference Blackbody
EAO-PA-2	Priit Jaanson	Towards SI-traceability of radiative transfer models
EAO-PA-3	Joaquin Campos	Principal component analysis of reference sites for Earth observation satellites
EAO-PA-4	Claire Louise Greenwell	A new radiometric calibration site located at Gobabeb, Namibia
SSR-PA-1/SSR-O-1	Julian Grobner	High resolution extraterrestrial solar spectrum determined from ground-based measurements of direct solar irradiance
SSR-PA-2	Robert Schaefer	On-board absolute calibration of a solar spectrometer by a double-ionization chamber
SSR-PA-3	Alberto Remesal Oliva	Characterisation of a new carbon nanotube detector coating for solar absolute radiometers
SSR-PA-4	Tomi Pulli	Stray light characterization of Brewer MKII spectrophotometers
QOT-PA-1/QOT-O-3	Beatrice Rodiek	Absolute single-photon source based on a nitrogen-vacancy center in nanodiamond
QOT-PA-2	Ingmar Mueller	Traceability verification of photon-counting detection efficiency calibrations by means of optical-fiber-coupled superconducting nano-wire single photon detectors
QOT-PA-3	Taek Jeong	Conversion Efficiency of Up-conversion Detector at Optical Communication Wavelength
QOT-PA-4	Stefan Kück	Single-photon sources for quantum technologies - Results of the joint research project SIQUTE
QOT-PA-5	In-Ho Bae	Characterization of Lab-assembled Passive Geiger Mode Silicon Avalanche Photodiodes
SBR-PA-1/DBS-O-3	Thomas Gerrits	Progress on Single Photon Detector Efficiency Calibrations at NIST
SBR-PA-2	Sergey Anevsky	THE PRIMERY SPECTRORADIOMETRY STANDARD BASED ON THE SYNCHROTRON RADIATION OF ELECTRON STORAGE RINGS
SBR-PA-3	Roman M Klein	The PTB radiometric scale for UV and VUV radiation source calibration based on calculable synchrotron radiation
SBR-PA-4	Yanfei Wang	Intersection Point Method for Measuring Spectral Irradiance of High-Power UV-LED with a Spectroradiometer
SBR-PA-5	Dong-Joo Shin	APMP.PR-S6 Supplementary Comparison of Spectral Radiance in the range from 250 nm to 2500 nm
SBR-PA-6	Evgeniy A. Ivashin	High power LED standard light sources for photometric applications.
SBR-PA-7	Sergey A. Ogarev	Three methods of total spectral radiance flux realization at VNIIOFI
SBR-PA-8	Iurii Alfredovich Sild	Development novel blackbody source based on the mercury triple point.
SBR-PA-9	Siarhey V. Nikanenka	Reference Hemispherical UVA LED Source
DBS-PA-1	Seval Cenk	Laser Based Radiance Responsivity
DBS-PA-2	Chi Kwong Tang	Properties of silicon-based induced-junction photodiode; 3D simulation using Cogenda Genius TCAD
DBS-PA-3	Seongchong Park	Relative spectral responsivity measurement using a pyroelectric detector
DBS-PA-4	Elisa Borreguero	Unidimensional photocurrent model for induced-junction photodiodes
DBS-PA-5	Simon Kaplan	Low Power Irradiance and High Power Radiance Calibration of IR Test Chambers with the Missile Defense Transfer Radiometer
DBS-PA-6	Simon Kaplan	A Versatile IR Radiometer with Broad Calibration and Characterization Capabilities, The Missile Defense Transfer Radiometer
DBS-PA-7	Fatima Chandoul	Improvement of the spectral responsivity measurements in the UV range at the French national metrology laboratory
DBA-PA-1	Jianwei Li	High Speed Pulse Waveform Measurement System Based on LiTaO ₃ Integrated Circuit
DBA-PA-2	Terubumi Saito	Calorimetric Measurement for Internal Conversion Efficiency of Photovoltaic Cells/Modules Based on Electrical Substitution Method
DBA-PA-3	Chi Kwong Tang	Extracting surface recombination parameters of silicon nitride passivated p-type silicon using Cogenda Genius TCAD
DBA-PA-4	Dong-Joo Shin	LED-based Non-linearity Measurement of Optical Instruments
DBA-PA-5	Ling Li	Temperature correction method for a commercial CCD array spectrometer used in spectral radiometry measurement
DBA-PA-6	David J Livigni	Comparison of Pulsed Q-Switched and CW Laser Power and Energy Meter Calibration Services at NIST
DBA-PA-7	Nathan A. Tomlin	Current generation carbon nanotube-based cryogenic radiometers
DBA-PA-8	Kenichi Kinoshita	UV-A Irradiance Measurement of a UV-LED under near-field conditions
DBA-PA-9	Jimmy Dubard	Monochromator based set-up for stray light characterization of industrial spectroradiometers
OPM-PA-1/INV-7	Petri Karha	Relationships between junction temperature, electroluminescence spectrum, and ageing of LEDs
OPM-PA-2/OPM-O-5	Alexander Gottwald	Optical Constants in the VUV spectral range by angle-dependent reflectometry on the example of B ₂ C
OPM-PA-3	Christopher S Yung	Hemispherical reflectance of CF ₄ and O ₂ plasma treated vertically aligned carbon nanotubes for radiometric applications
OPM-PA-4	Tatjana Quast	Polarization properties of white, grey and coloured matte diffuse reflection standards
OPM-PA-5	Jing Zhang	The Uncertainty Study for Optical Fiber Numerical Aperture Measurement
OT-PA-1	Hoi Shan Lam	A Single Detector Based Calibration System for Light Sources, Illuminance Meters and Luminance Meters
OT-PA-2	Yi-Chen Chuang	Alternative Methods to Evaluate Photobiological Safety for the Wavelength of (2500 - 3000) nm
OT-PA-3	Olga Kozlova	Characterisation of a near-infrared spectroradiometer based on an acousto-optic tunable filter
OT-PA-4	Takayuki Numata	Power Control Technique for Randomly Polarized High Power Lasers