

Personnel of the Metrology Research Institute (4/04/2023)**Changes in red**

In charge	Position	Deputy
Prof. I. Niemelä	President of Aalto	
Prof. J. Hämmäläinen	Dean of School of Electrical Engineering	
Prof. T. Lokki	Head of Department of Information and Communication Engineering	
Prof. E. Ikonen	Head of the National Standards laboratory	
Dr. J. Peltoniemi	Quality Manager	Dr. P. Kärhä
Dr. F. Manoocheri	Head of the Calibration Services	Dr. F. Manoocheri
Dr. F. Manoocheri	Branch manager (Radiometry)	Dr. P. Kärhä
Ville Mantela	Branch manager (Photometry)	Detectors: K. Maham, Mikhail Korpusenko (Trainee) Sources: Sudatta Das (Trainee)
Dr. Farshid Manoocheri	Branch manager (Spectrophotometry)	Y. Reza zadeh (Trainee)
M. Korpusenko (Trainee)	Branch manager (Electrical calibrations)	A. Danilenko (Trainee), Robin Aschan (Trainee), Masoud Rastgou (Trainee)
		A. Danilenko (Trainee)

Authorisations for calibration services**Photometry**

Illuminance calibrations	V. Mantela (9.9.2020 JA, T-R 1140) Y. Razazadeh (Trainee, T-R 1231, tarvitaan toinen)
Luminous intensity calibrations	V. Mantela (7.11.2022 PK, T-R 1193)
Photometric scale realisation	V. Mantela (Trainee, T-R 1223)
Luminance calibrations	F. Manoocheri (19/12/06 PK) V. Mantela (11.12.2020 JA, T-R 1143)
Luminance scale realisation	V. Mantela (Trainee) Y. Razazadeh (Trainee)
Luminous flux calibrations	V. Mantela (Trainee) Y. Razazadeh (Trainee)
Luminous flux scale realisation	V. Mantela (Trainee) Y. Razazadeh (Trainee)
Setting / calibration of color temperature	V. Mantela (7.11.2022 PK, T-R 1225) Y. Reza zadeh (7.11.2022 PK, T-R 1225)

Radiometry (Detectors)

Power calibrations of/with with trap detectors	P. Kärhä (19/12/06 PK) F. Manoocheri (19/12/06 PK) K. Maham (22.1.2020 PK, T-R 1067)
Power calibrations of/with with pyroelectric radiometer	P. Kärhä (19/12/06 PK, T-R 435) F. Manoocheri (19/12/06 PK) K. Maham (22.1.2020 PK, T-R 1067)
Trap detector modeling	P. Kärhä (19/12/06 PK) K. Maham (22.1.2020 PK, KiM2019) M. Korpusenko (Trainee)
Fibre optic power	P. Kärhä (09/01/2008 PK)

Radiometry (Sources)

Measurements with DM-150 spectroradiometer	P. Kärhä (19/12/06 PK) F. Manoocheri (19/12/06 PK)	
Measurements with DTMc-300 spectroradiometer	P. Kärhä (18.12.2020 PK), F. Manoocheri (18.12.2020 PK), J. Askola (1.12.2020 PK), S. Das (1.4.2021 PK, INT-179)	
Measurements with Instrument Systems Spetro 320D	K. Maham (23/1/2020 JA) V. Mantela (7.11.2022 PK, INT-188)	
Measurements with CS1000 and CS2000 spectroradiometers	V. Mantela (7.11.2020 PK, T-R 1211, 1213, 1219)	
Measurements with Ocean Optics QE65 Pro		(Device at MIKES)
Measurements with Instrument Systems CAS 140D	K. Maham (23/1/2020 JA) V. Mantela (Trainee,)	
Calibration of spectroradiometers (including operating standard lamps)	S. Das (Trainee) V. Mantela (7.11.2022 PK, INT-188)	
Wavelength calibration	S. Das (24.5.2021 PK, INT-178) V. Mantela (7.11.2022 PK, INT-188)	
Spectral irradiance realisation	P. Kärhä (19/12/06 PK) S. Das (24.5.2021 PK, T-R 1167)	
Spectral radiance realisation	V. Mantela (Trainee, T-R 1213)	
Spectral radiance calibrations	F. Manoocheri (19/12/06) V. Mantela (Trainee, T-R 1213)	

UV Radiometry

UV Irradiance responsivity measurement	F. Manoocheri (19/12/06 PK, T-R 422)
Calibration of UV detectors with spectroradiometer	P. Kärhä (19/12/06 PK, T-R 461)

Spectrophotometry

Transmittance measurements with Perkin-Elmer	F. Manoocheri (10/06/04 PK) S. Sharma (Trainee) A. Danilenko (11.12.2020 FM, T-R 1151)
Transmittance measurements with Ref. Spectrometer	F. Manoocheri (10/06/04 PK) A. Danilenko (31.10.2022 FM, T-R 1224)
Absorbance measurement	F. Manoocheri (9/12/2014 PK) A. Danilenko (31.10.2022 FM, T-R 1163)
Spectral responsivity measurements	F. Manoocheri (10/06/04 PK) A. Danilenko (Trainee)
Reflectance measurements (absolute) gonio	F. Manoocheri (10/06/04 PK) Robin Aschan (Trainee), M. Rastgou (Trainee)
Diffuse reflectance measurements (Sphere)	F. Manoocheri (10/06/04 PK) Robin Aschan (Trainee)
Diffuse reflectance measurements (Absolute) gonio	F. Manoocheri (10/06/04 PK) Robin Aschan (Trainee) M. Rastgou (Trainee)
Fluorescence measurements	F. Manoocheri (19/12/06 PK) S. Sharma (Trainee)

Electrical calibrations

Digital multimeters (Agilent / HP)	M. Korpusenko (Trainee), Alexandr Danilenko (31.10.2022 PK, INT-187)
Current to voltage converters	M. Korpusenko (2.12.2020 PK, INT 172), Alexandr Danilenko (Trainee)