

WEBEX meeting 28.4.2020 time 17.00 – 21.00

Quality Assessment and Reproducibility for Instruments & Images in Light Microscopy (QUAREP-LiMi)

42 attendees from academia and industry from Europe and US, Canada

A) Introduction round (about 45 people finally)

B) Summary about existing initiatives/workgroups all over the world having QA, QC Light microscopy topics

BINA US/CAN - Caterina Strambio De Castillia

DIN/ISO Internat. - Christian Schulz

Dutch microscopy community - Ioannis Alexopoulos

RTmfm France - Orestis Faklaris or friends

GerBi-GMB Germany - Roland Nitschke

BioimagingUK - Glyn Nelson or Alex Laude

C) Discussion and suggestions - round table How to team up and unify efforts of the community and the industry ?

D) The ISO 21073_2019 norm as a first frame work for QA/QC ?

- A manual - How to do ISO measurements and tools for it

E) How to proceed

WEBEX meeting 28.4.2020 attendees

Last name	First name	Town	Organisation Affiliation	Lab Affiliation	Country
Alexopoulos	Ioannis	Nimwegen	NVvM	Univ.	NL
Aumayr	Karin	Vienna	IMP	Private lab	A
Bakker	Gert-Jan	Nijmegen	NVvM	Univ.	NL
Beckert	Hannes	Bonn	GerBi-GMB WG 1	Univ.	D
Brinkman	Brendan	?	Olympus	Industry	USA
Brown	Claire	Montreal	BINA	Univ.	CA
Corbett	Alex	Newcastle		Univ.	UK
Dauphin	Aurelian	Paris	RTmfm	Univ.	F
Davis	Andy	?	Nikon	Industry	USA
Dietzel	Steffen	Munic	GerBi-GMB WG 1	Univ.	D
Drillet	Eric	Mannheim	Leica	Industry	D
Eich	Florian	Mannheim	Leica	Industry	D
Faklaris	Orestis	Montpellier	RTmfm	Univ.	F
Fried	Hans	Bonn	GerBi-GMB WG 1	Helmholtz	D
Gelman	Laurent	Bale	FMI	Private lab	CH
Grunwald	David	Worcester	Univ. of Massa.	Univ.	USA
Guilbert	Thomas	Paris	RTmfm	Univ.	F
Hartmann	Hella	Dresden	GerBi-GMB WG 1	Univ.	D
Hemmerich	Peter	Jena	GerBi-GMB WG 1	Leibniz	D
Holub	Petr	Graz	BBMRI-ERIC		A
Jacob	Marcus	Jena	Zeiss	Industry	D
Krisz	Uros	Jena	Zeiss	Industry	D
Kukat	Christian	Bonn	GerBi-GMB WG 1	MPI	D
Lacoste	Judith	Montreal	company	Industry	CA
Laude	Alex	Newcastle	UK BiolImaging	Univ.	UK
Loynton-Ferrand	Alexia	Bale	Biozentrum	Univ.	CH
Mitkovitski	Miso	Göttingen	MPI Göttingen	MPI	D
Moore	Joshua	Dundee	Univ. of Dundee	Univ.	UK
Müller	Tobias	Vienna	IMP	Private lab	A

Last name	First name	Town	Organisation Affiliation	Lab Affiliation	Country
Munck	Sebastian	Leuven	Univ. Leuven	Univ.	B
Nelson	Glyn	Newcastle	UK BiolImaging	Univ.	GB
Nitschke	Roland	Freiburg	GerBi-GMB WG 1	Univ.	D
North	Alison	NewYork	BINA	Univ.	USA
Ogama	Takeo	?	Olympus	Industry	USA
Resch-Genger	Ute	Berlin	BAM	Gov.	D
Ritz	Sandra	Mainz	GerBi-GMB WG 1	Univ.	D
Royeck	Michael	Bonn	DFG	Gov.	D
		Mont St. Aignan			
Schapman	Damien	Cedex	RTmfm	Univ.	F
Schroth-Diez	Britta	Dresden	GerBi-GMB WG 1	MPI	D
Schulz	Christian	Wetzlar	DIN/ISO	Industry	D
Schwartz	Stanley	Austin	Nikon	Industry	USA
Spitaler	Martin	Munic	GerBi-GMB WG 1	MPI	D
Sporbert	Anje	Berlin	GerBi-GMB WG 1	Helmholtz	D
Stoeckl	Martin	Konstanz	GerBi-GMB WG 1	Univ.	D
Strambio	Caterina	Worcester	Univ. of Massa.	Univ.	USA
Swedlow	Jason	Dundee	Univ. of Dundee		UK
Terjung	Stefan	Heidelberg	GerBi-GMB WG 1	EMBL	D
White	Silke	Dresden	GerBi-GMB WG 1	Helmholtz	D
Zuschratter	Werner	Magdeburg	GerBi-GMB WG 1	Leibniz	D

Cloud storage with suggested workgroups for

Quality Assessment and Reproducibility for Instruments & Images in Light Microscopy (QUAREP LIM)

Contacts + People

List Attendees WEBEX Meeting 28_04_2020.pdf

ISO Manual + Workgroups

ISO_manual_V2.docx

WG 1 Illumination Power

WG 2 Detector linearity and sensitivity

WG 3 Uniformity of field centering accuracy (system flatness of field)

WG 4 System chromatic aberration and Co-registration

WG 5 Lateral and Axial Resolution

WG 6 Stage and Focus – precision and other

To be extended?

Meetings and Presentations

WEBEX Freiburg 28_04_20

chat_condensed_coded by Tobias Mueller_Niro.docx

Metadata-Project

Publications: QC+QM Calibration Standards Software

QC+QM Test tools + software and other material

Hardwaretest-Tools

Software

White paper + Funding + Workgroup

Green = main folders

Blue = subfolders