

4th WG8 meeting 10/11/20 15:00 UK, 16:00 CET, 10:00 EST

Agenda:

1. Welcome new participants (5 min)
2. Agreement on the minutes of the previous meeting (see attachment) (1 min)
3. Agreement about recording the meeting (1 min)
4. Update: Figures
 - a. “Overview: Quality Control and Quality Assessment” (Sebastian Munck) (10 min)
 - b. “Two questions of the ELMi survey” (Laurent Gelman) (10 min)
5. Discussion: imaging scientist vs. experimental scientists (Alison North) (20 min)
6. Update: Nature Method’s outline (Claire Brown) (10 min)
7. Reaching a group consensus on the comments added to the White Paper draft in Suggestion Mode (30 min)
8. Next steps / Scheduling of the next meeting (3 min)

Attendees:

Ulrike Boehm, Glyn Nelson, Alison North, Alex Laude, Alexia Ferrand, Aurelien Dauphin, Caterina Strambio, Christian Kukat, Johanna Bischof, Laurent Gelman, Steve Bagley, Ali Gheisari, Julia Fernandez, Roland Nitschke, Claire Brown, Sebastian Munck, Ute Resch-Genger.

Apologies:

Miso Mitkovski, Hella Hartmann (late)

Minutes.

1. No new participants to welcome.
2. AN corrected the statement that a standard format for WG sections should be attributed to CB.

Action Point- correct minutes (GN).

3. No disagreement to recording.

4a. Overview fig- UB: convert to funnel rather than wheel design. Several people liked this idea, and it was agreed it should be changed.

AL- add logo onto the QC 'jar' if we have one in time.

RN- need data management in funnel too

CS- image publication standards and Materials and Methods should also be shown.

UB- Asked people to pass ideas for the changes to Sebastian Munck as he oversees design.

Action Point: SM to update Fig design- others to pass on suggestions directly to him and UB will create and share a gdoc for funnel input items.

CS- asked if we have a Glossary in the WP yet?

AF- also don't have publication standards WG in yet. Needs writing.

Action Point- contact WG11 and ask to provide a summary (UB)

UB- should we have subgroups within WG8 to sort out Glossary and Figures? Can we publish to ArXiv without the glossary?

CS- agrees subgroups worthwhile and we should have a basic Glossary in place prior to publication.

RN- agreed glossary important.

UB- create Glossary as an independent googledoc and share with whole group to request input.

Action Point- create gdoc and share (UB and all).

4b. ELMi survey figs.

LG- introduced version 2 simplified figures.

CS- suggested we order them base don which Wgs cover each
 GN- suggested clumping by the part of the beam path they cover, e.g., excitation, objective, emission and other (e.g. stage etc) as not all are in defined Wgs.
 UB- agreed, following the light path is a good idea.
 AN- for the samples used graph, it should be kept in order of most used etc.
 RN- important we show the on demand data.
 JF- need to keep all bars to highlight the variability in QC testing.
 LG- will still show that, just grouped together in light path config.
 CS- could have a legend which highlights which Wgs are working on each one.
 UB- the Figs come before introduction to the Wgs in the White paper, so should not refer to them here first.
 AF- should put regular testing first, then on demand then never.
 UB- combing both Figs as one Fig a and b?
 LG- prefers the Figs to follow the text, so separate would eb best.
 UB- survey raw data aren't always 100%, but graphs would be better as percentages. - could do 100% for each category.
 RN-Yes and can state in legend n= xxx-yy samples.
 CK- could remove the never bars to make it simpler.
 Several people pointed out that was the most important take home message form the graph.
Action Point- make all bars as %age and group the second Fig by light path tested (LG)
 LG- can have done in 1 week to 10 days.

UB- 3rd Figure- world map- no longer updating- requested original image from RN prior to publication.

RN- will share on file server.

Action Point- post final raw image file for participants to bwsyncandshare server. (RN)

5. AN introduced the definitions that she, CB and CS had come up with for imaging scientists and experimental scientists.

Round table discussion of some of the terms and altering them, especially regarding facility and non-facility user and commercial v. non-commercial developers. AN updated doc as we went.

AN- pointed out we only need these terms of descriptions in the WP, not for choosing between them where each person lies.

UB- academic doesn't cover not for profit research labs- need to add?

UB- doesn't like 'Imaging Scientist' term- too vague for knowing if one is talking to a specialist or not.

GN- pointed that the term was established in UK to attempt to get recognition for the professionalism in the field.

RN- the term already exists so need to use it.

LG- believes it covers anyone that does imaging and/or image analysis.

JF- includes biological knowledge, microscopy and image processing.

CS- allows categorisation as an umbrella term, but shouldn't be for users, rather for develops and facility staff.

CB- Not convinced we need to use in the WP, but it is an important category to advocate, and pushing/ advertising the website (imagingscientist.com) as part of the WP would be beneficial to the community.

UB- Analyst- use software rather than develop and need to be covered in data analysts and programmers.

CS- needs a new way of thinking and this term captures a way of structuring departments with a scientific data flow and highlighting the people needed in it.

UB- terms are okay, just need to be defined.

Action Point- upload the finalised definitions doc to the bwsyncandshare website. (UB/AN)

6. CB- updated on Nat. Methods 2 page letter. Have approval from Rita Strack. Gave overview of the manuscript, which points to the full WP for more in-depth detail.
Will pull wording from WP to fill and send round small group to edit. Hopes to have done in 1-2 weeks.

Action Point- write first draft of Nature Methods manuscript in next 1-2 weeks. (CB)

UB- will people look at Nature Methods or the White paper on ArXiv?

GN- could also publish WP. Journal of Microscopy would be a good place if they would accept it.

UB- paywall is a problem, could use eLife?

AL- could possibly publish J.micro. Will speak to the editor and ask about free access (is possible to do with payment anyway)

Action Point- arrange meeting with Michelle Peckham (AL)

CS- covering Nat. Methods, ArXiv and J.micro would allow us to cover our target audience well.

UB- WP version needs finalising first with Figures.

7. Working through WP. Can we publish the ISO manual created by GN so that we can cite it in WP?

GN- will aim to do so. Would like to add LG, RN and OF as authors for their contributions, plus a short introduction. Need to highlight it is only a draft manual to satisfy ISO and that QUAREP now works on a more detailed version.

Action Point- edit ISO manual and pass round to authors for submission to ArXiv (GN)

UB- WG sections- need to verify Wgs are happy with changes

Action Point- to ask Wgs to read over final text (RN)

UB- need WG11 adding.

AN- do all WGS now have a statement at the beginning of the section aiming to propose to the community.

GN- think so.

Action Point- edit accordingly (GN).

8. Next Meeting.

19/11/20, 3pm CET for 1.5h.

Action Points:

Action Point- correct minutes (GN).

Action Point: SM to update Fig design- others to pass on suggestions directly to him and UB will create and share a gdoc for funnel input items. (SM, UB and all)

Action Point- contact WG11 and ask to provide a summary (UB)

Action Point- create gdoc and share (UB and all).

Action Point- make all bars as %age and group the second Fig by light path tested (LG)

Action Point- post final raw image file (Fig3) for participants to bwsyncandshare server. (RN)

Action Point- upload the finalised definitions doc to the bwsyncandshare website. (UB/AN)

Action Point- write first draft of Nature Methods manuscript in next 1-2 weeks. (CB)

Action Point- arrange meeting with Michelle Peckham (AL)

Action Point- edit ISO manual and pass round to authors for submission to ArXiv (GN)

Action Point- to ask Wgs to read over final text (RN)

Action Point- edit WP WG section accordingly (GN).