

12-10-2020, 5:00 CET

## Participants

Gert-Jan Bakker, Sebastian Beer, [Ulrike Boehm](#), Frank Eismann, Orestis Faklaris, [Toshihiko Fujimori](#), Nathalie Gaudreault, [David Grunwald](#), Hella Hartmann, Gerhard Holst, [Uros Krzic](#), [Baptiste Monterroso](#), [Sebastian Munck](#), Roland Nitschke, [Ute Resch-Genger](#), [Damien Schapmann](#), Britta Schroth-Diez, Lucas Schuetz, [Anje Sporbert](#), Geraint (Gez) Wilde, Werner Zuschtratter (present people in grey, [missing people in blue](#))

## Agenda

1. Introduction round & welcoming new members
  - a. what about new members? - especially more PMT experts;
  - b. Sebastian Beer will ask around at Hamamatsu, what about smaller companies using PMT like Becker & Hickl?
  - c. also especially motivate the still silent members of our WG to start participating
2. Discuss minutes first meeting
  - a. this already started the discussion about the various aspects of "detector": which ones we want to look at, linear versus non-linear, what does this mean
  - b. there are already new resources uploaded to our WG2 resources folder: Gerd put the latest version of the EMVA 1288 standard there
    - i. from the machine vision community
    - ii. there will also be a new version soon including non-linear detectors
    - iii. EMVA standards are also accepted by the Americans, Chinese, Japanese manufacturers
3. Documentation of WG2 meetings
  - a. Recording of the meetings - yes, it is OK to record, file of the recording will be uploaded to the bw share folder
  - b. Meeting minutes can be found in the WG2 folder on bw cloud - please proof-read for one week (until October 19th). (there was not much in the chat, so it was not copied this time either)
  - c. Everyone should have access to the bw cloud - if you have problems, contact Britta, Gert-Jan and/or Roland
4. Recapitulate meeting schedule: how often meet and for how long?
  - a. Once a month
  - b. 2<sup>nd</sup> Monday in a month 5 - 6:30pm - OK
  - c. -> next meeting Nov 9th 2020
  - d. question that came up at the end of today's meeting: shall we meet more often since we have a lot of information to look at? -> discuss during the meeting on Nov 9th
5. Discuss WG2 mission statement (see separate document in our WG2 bw share space; called WG2 mission statement)
  - a. we changed the name of our working group to: **WG 2 - Detection system performance**
  - b. Roland will update the bw share to the new name tonight
  - c. went through text
  - d. text was provided to WG 8 - white paper

### Concluding remarks:

- the introductory round took quite some time since we could welcome many more members today, will not do such an extensive intro round anymore
- the discussion about our mission statement and to clarify what we all mean too the rest of the meeting time
- this is the general understanding of all participating WG members and now a good base for the future work of our WG2
- we will keep finishing our home work of collecting information about and from the various resources (papers, books, the EMVA 1288 standard) and fill the info into the two lists set up by Gert-Jan:
  - screening of publications (incl the DOIs for easy reference)
  - inventory of detector parameter for a general detector and specific detector types, respectively
- during the next meeting we will address the open topics from today's meeting:
  - define a universal detection system
  - define universal, external measurable parameters describing a detection system
  - discuss how these universal parameters relate to specific detector types and their technical aspects
  - decide on the next steps of action: potentially setting up of sub-WGs for each detector types