**VQEG meeting minutes**

**Santa Clara, February 23-27, 2015**

Including Minutes from each day’s sessions.

Note: the ITU Intersector Rapporteur Group on Audiovisual Quality Assessment (IRG-AVQA) meeting is held coincident with VQEG. A special session is devoted to ITU matters on Thursday morning.

Wednesday, February 25, 2015

# Approving minutes

Arthur Webster (NTIA/ITS) will add names and institutions to the minutes.

Thanks to Lucjan Janowski (AGH) for taking notes.

# 3DTV – DVB Test Plan

Marcus Barkowsky (IRCCyN, Université de Nantes) presents status of the test plan and the project in general. Presentation can be found here: to be added

Question Huynh-Thu Quan (Canon Information Systems Research): Why do you need part 1 and part 2. Part 2 should be enough?

Answer: It was discussed at the teleconference. It is more efficient to run both questions.

Question Agboma Florence (British Sky Broadcasting Ltd): Can we use only part 1?

Answer: Using only part 1 test BTL model would not produce discriminative results. If we are evaluating part 2, then BTL can also be used to answer first two questions.

Margaret Pinson (NTIA/ITS): Part one gives limited answers where we cannot better understand the obtained results. For example, we will not have information if instead of changing format we could change bitrate and neither change is significant.

Question Agboma Florence (British Sky Broadcasting Ltd): It is possible that DVB will be interested only in the part 1 answer.

Ramzan Naeem (University of West Scotland): Pointed that if the comparison is not statistically significant, then part 2 will help to draw some meaningful conclusions.

Marcus Barkowsky (IRCCyN, Université de Nantes): If only part 1 was executed, then after showing results and deciding that additional information is needed we would need to repeat all part 1 and add part 2.

There was more information provided why running both part 1 and part 2 is superior over running only part 1. Information provided by part 1 can be found on slide 5 of presentation: to be added

Questions posted by DVB were discussed and resolved.

Agboma Florence (British Sky Broadcasting Ltd) suggested to add to the test plan clear explanation of what will be provided by running only part 1 or only part 2.

Formal change to the plan: Thursday Quart session is changed to 3D.

# Other Business

Agreement: Mikolaj Leszczuk (AGH) was proposed and accepted to be a leader of VQEG linkedin group.

# AVHD Session

Brunnström Kjell (Acreo Swedish ICT) presented: to be added

Generally the presentation addressed the problem of comparing the obtained results by statistical comparison.

Agreement: There was discussion about the presented results and the consequence. It was agreed that the presented methodology dealing with multiple comparison should be implemented by VQEG. It will be also discussed with SG12 to include it in P.1401.

# Other Business

There was voting for the date and place for the next meeting. Two option were considered, middle of July (four people in favor) or middle of September (8 people in favor).

Decision: The next meeting will be around middle of September.

There was not strong support for choosing between two hosts UWS (Glasgow) and Sky (London). It will be decided by the potential hosts and VQEG chairs.

In general there is preference for spring/autumn comparing winter/summer.

# E-Letter

It was proposed to dedicate next e-letter to VIME. The answer from VIME chairs will be delivered before the end of the meeting.

Naeem (University of West Scotland) proposed that VQEG should begin a journal. Web software support would be needed. Lucjan Janowski (AGH) did not support this idea. He reminded that VQEG supported the idea of creating a QoE Journal. A discussion of advantages and disadvantages ensued.

Question: Who wants to be associate editor of a proposed VQEG Journal?

Brunnström Kjell (Acreo Swedish ICT), Katsavounidis Ioannis (Netflix), and Ramzan Naeem (University of West Scotland)

# RICE

Sebastian Arndt presented: to be added

Margaret Pinson (NTIA/ITS): Asked what kind of content is needed. Some longer sequences are available at CDVL; some contain non entertainment content.

Ramzan Naeem (University of West Scotland): Is 80 minutes with such device on head difficult for subject?

Answer: No, we run such tests and subjects did not complained about it.

Margaret Pinson (NTIA/ITS): Proposed to use audio visual test instead video only.

Huynh-Thu Quan (Canon Information Systems Research): What is the goal of the study?

Answer: Predict quality by the physical measurements.

Huynh-Thu Quan (Canon Information Systems Research): Pointed that EEG was used in the past and obtained results shows that only very bad or very good quality can be detected.

Answer: For audio quality test, we obtained better precision than the answer drawn from subjects answer analysis.

Katsavounidis Ioannis (Netflix): How it would be better than just subjects answer? Maybe some users devices could be used?

Answer: Yes, not only what they answer but we see differences in cognitive state. The problem with user devices is that they are very different and probably not stable.

Who is interested in the study:

Katsavounidis Ioannis (Netflix) (maybe), Margaret Pinson (NTIA/ITS) (will have consumer device), Ramzan Naeem (University of West Scotland) (have two consumer devices).

# VIME

Discussion about how to share photo resulted in solution:

We will create Flickr group. VIME chairs will propose a specification how the images should be uploaded.

Discussion about collecting subjective data: Pair comparison, ACR, SAMVIQ were discussed. The idea is to run tests with different methods in a single experiment.