VQEG Meeting Minutes

Hillsboro, OR

12/15/2011

(notes taken by Harvey Lieber, Dialogic)

New Project Proposal

* Patrick proposed a project to examine the high dynamic range (HDR) of video. This impacts both the capture as well as display.  
    
  **Decision: This project was accepted and started.  
  The co-chairs are: Patrick Le Callet and Phil Corriveau  
  Arthur requested the co-chairs to document the scope.**
* **Arthur requested the co-chairs of the other new projects to document their scope as well.**

JEG Hybrid

* Marcus presented the Projected Timeline, reviewed the plan and based on comments updated the plan. Marcus solicited volunteers for working on various group efforts.
* The team divided in break-out sessions.
* The SRC preparation group discussed what videos they wanted to select, however there were no volunteers at this time.
* The HRC preparation group (Mikolaj) reported on all the parameters that are needed. The group counted more than 25k HRCs. This number may need to reduce this number.
* The Objective Quality Metric group (Margaret) reported that the sources and PVS should be the same length.

Liaison Discussion

* Quan/Margaret/Chulhee reviewed the liaison with ITU-T SG9 on Draft P.3D-Sam; Subjective Assessment Methods for 3D Video Quality.
* Quan/Margaret/Chulhee reviewed the liaison with ITU-T SG9 on J.av-dist (Methods for subjectively assessing audiovisual quality of internet video and distribution…). Feedback was requested.

3D

* Quan/Marcus/Patrick led the interactive discussion. All detailed comments were captured by Marcus.
  + Decided to start processing PVSs for the 3D testing
  + Pair comparison will be used
  + Lucjan will do focus groups for finding out about subjective dimensions
  + 8 labs agreed to participate in Pair Comp. INTEL, CRC, Acreo, NTIA/ITS, AGH, IRCCyN, NTT, Yonsei, (Maybe Technicolor and BT as well)
  + Decisions will be made later on lab setup, design, distribution, etc.
* The topic of the 3D MPEG testing activity (being led by Vittorio) was discussed. Filippo mentioned that Vittorio did a good job. Kjell (Acreo) and Chulhee (Yonsei) also reported on the test. First results were discussed in detail.
* Jun presented some preliminary data from his 3D NTT experiments. This study compared different subjective methods applied to 3DTV (DSCQS, ACR, ACR-HRR, DCR) In the near future, Jun will prepare and distribute a paper with more analysis.

Arthur discussed the possibilities for the next VQEG meeting. The meeting is targeted for France (Paris or Rennes) and optimally targeted for the second week of June (11-15 ).