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Liaison to VQEG (Video Quality Experts Group) on 3D TV Quality Assessment

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3D Human Factors Working Group is pursuing work as stated in the Scope of IEEE P3333, Standard for the Quality Assessment of Three Dimensional (3D) Displays, 3D Contents and 3D Devices based on Human Factors:

“This standard establishes methods of quality assessment of 3D displays, 3D contents, and 3D devices based on human factors such as photosensitive seizures, motion sickness, and visual fatigue. This standard also identifies and quantifies the following causes of human factors:

viewers' characteristics, such as age, gender, posture, and risk level;
visual contents, such as disparity, camera setting, flicker, frame rate, contrast, luminance, color, and object velocity; visual environment characteristics, such as light transfer, viewing distance, intensity of illuminance, and viewing freedom; display characteristics, such as display size, color, resolution, refresh rate, and crosstalk; devices, such as 3D glasses and 3D cameras.”

The Working Group is pleased to learn of your activity on the standardization of 3D TV quality assessment. As requested we have initiated the process to establish a liaison with you. The liaison relationship may include the following activities:

- 1) To send liaison statements to each other with updates on each groups progress in areas of mutual interest (e.g. 3DTV quality assessment).
- 2) To designate an individual from one or both groups to attend meeting(s) to provide report of the progress.

We look forward to a successful VQEG standard and further collaboration.

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