

Immersive Media Group

- **Mission:** Quality assessment of immersive media: 360-degree content, virtual/augmented/mixed reality, light field/plenoptic content, 3D content (stereo, multiview, FVV, etc.)...
- **Goals:** Baseline quality assessment of today's systems
 - **Datasets** of immersive media content
 - **QoE guidelines, Subjective test methods, objective metrics, etc.**
- **Activities:**
 - IMG test plan on quality assessment of short 360-degree videos is finalized:
 - Paper in IEEE TMM (Open Access): [Subjective evaluation of visual quality and simulator sickness of short 360 videos: ITU-T Rec. P.919](#)
 - ITU-T P.919: [Subjective test methodologies for 360° video on head-mounted displays.](#)
 - Following and contributing MPEG AHG on Quality of Immersive Media and ITU-T SG12.
 - Presentation at the [MPEG AG 5 Workshop on Quality of Immersive Media: Assessment and Metrics](#)
 - ITU-T G.CMVTQS: Computational model used as a QoE/QoS monitor to assess videotelephony services (Wuhan).
 - Ongoing joint work: Further data analyses, 360-degree long videos (ITU).
 - Future test plan: Evaluation of immersive/interactive communication systems.
- Presentations of IMG-related topics are welcome: IMG Session on Friday.
- Email reflector: img@vqeg.org

VQEG @ ACM SIGMM Records

- SIGMM Records are the SIG Multimedia's quarterly newsletter.
 - Provide an opportunity to publish information *about* successful research and background stories.
- Available as an ACM newsletter series with the ISSN 1947-4598 in: SIGMM website at <http://sigmm.org>, Records website <http://records.sigmm.org> , the [ACM Digital Library](#).
- One of the sections of the Records is related to reports from standardization organizations: MPEG, JPEG, and VQEG.
- Good possibility to disseminate VQEG activities: 4 issues per year (Mar., Jun., Sep., Dec.)
 - 2 issues per year reporting on plenary meetings
 - 2 issues related to any other topic going on within VQEG
- Any ideas are welcome! → Send email to jesus.gutierrez@upm.es and kjell.brunnstrom@ri.se

VQEG @ ACM SIGMM Records

- Up to now...
 - June 2020: Introduction of VQEG (e.g., mission, main activities, etc.)
<http://records.sigmm.org/2020/06/30/standards-column-vqeg/>
 - September 2020: Recent contributions to ITU recommendation.
<http://records.sigmm.org/2020/10/07/vqeg-column-recent-contributions-to-itu-recommendations/>
 - December 2020: Report of the VQEG plenary meeting
<https://records.sigmm.org/2021/01/13/vqeg-column-vqeg-meeting-dec-2020-virtual-online/>
 - March 2021: New topics (Thanks to Ioannis Katsavounidis, Werner Robitza, Rohit Puri, Shahid Satti)
<https://records.sigmm.org/2021/04/13/vqeg-column-new-topics/>
 - June 2021: Report of the VQEG plenary meeting
<https://records.sigmm.org/2021/07/06/vqeg-column-vqeg-meeting-jun-2021-virtual-online/>
 - September 2021: No publication.
 - Next publication: December 2021 → Report on this meeting.