



18th International Conference on Quality of Multimedia Experience

Cardiff, UK, June 29th - July 3rd, 2026

Call for Papers on Special Session:

Semantic Quality Assessment for Multi-Modal Intelligent Systems

<https://qomex2026.itec.aau.at/>

Abstract:

Traditional QA relied on human perceptual fidelity(PSNR, SSIM,VMAF). But in the age of AI, most data is consumed by machines. Signal-level metrics fail to capture semantic errors. High pixel quality does not guarantee preserved meaning. We are calling for frameworks that quantify quality based on downstream task performance and semantic preservation.

Topic of Interest:

Multi-modal Semantic
QA (Image, Video, Deep
Features)

Task-driven
Semantic
Quality Assessment

Cross-Modal
Semantic Consistency
Evaluation

Modeling Semantics
in
Foundation Models

Semantic-Aware
Multimedia
Compression
& Transmission

Scalable
Semantic-Perceptual
QA Frameworks

Important Dates

Submission: February 28, 2026

Notification: April 17, 2026

Organizers:

Changsheng Gao (NTU); Jingwen Zhu
(Amazon Prime Video); Ivan V.Bajic (SFU);
Patrick Le Callet (Nantes Univ)