Seminar on Quality assessment of audiovisual media content

Contents

1 - Motivation for quality evaluation
2 - Basics of coding
3 - Subjective assessment of perceived quality: ITU recommendations and best practices
4 - Objective quality metrics: overview and application
5 - Multimodal interaction
6 - Latest developments and trends in quality evaluation, open issues

Professor: Dr. Ulrich Reiter

Dr. Ulrich Reiter is a researcher and lecturer working in the fields of audiovisual quality perception, subjective assessment methodologies, and interactivity issues in audiovisual applications at the Norwegian University of Science and Technology (NTNU) in Trondheim, Norway. He holds a Master degree in electrical engineering from RWTH Aachen, and a PhD in media technology from TU Ilmenau, both Germany. Ulrich was the development coordinator for the cross-platform, object-based, multicore-processing, and real-time audio rendering engine TANGA used in the IAVAS I3D MPEG-4 player. His work has been published in numerous AES-, IEEE- and other journals, conference proceedings and papers. Ulrich’s current research focus is on cross-modal effects in audiovisual media and its assessment methodologies.

Timetable

April 23rd – 25th: 15:30h - 17:30h

Room

4202A.

Audience and Inscriptions

This seminar is mainly aimed to Master students and 3rd year students.

Inscriptions should be done at the students’ secretary of the Master program or at the event room.

Credits

The students attending the event will get 1 credit (with an additional home work).