

Session	Day	Time	Session Chair	authors, title
Tuesday May 26				
	Tuesday	15:30 - 19:30	Touradj Ebrahimi	9th Qualinet Meeting
		19:30 - 20:00		
		20:00 - 20:10	Athanassios Skodras	Opening - Welcome Address
		20:10 - 21:00	Athanassios Skodras	Keynote 1: Craig Fryar, Wargaming.net, USA
		21:00 - 22:30		Welcome Reception at Costa Navarino

Wednesday May 27				
W1	Wednesday	9:00 - 9:10	Athanassios Skodras	Welcome and Orientation
W2 - Affect and behavior in QoE	Wednesday	9:10 - 10:30	Patrick Le Callet	Jan-Niklas Antons, Sebastian Arndt, Katrien De Moor and Steffen Zander. Impact of Perceived Quality and other Influencing Factors on Emotional Video Experience
				Stefan Greiner, Jan-Niklas Antons and Ina Wechsung. Emotional Responses to Thermally Augmented Audiovisual Stimuli
				Theodoros Kostoulas, Guillaume Chanel, Michal Muszynski, Patrizia Lombardo and Thierry Pun. Identifying aesthetic highlights in movies from clustering of physiological and behavioral signals
				Peter Reichl, Sebastian Egger, Sebastian Möller, Kalevi Kilkki, Markus Fiedler, Tobias Hossfeld, Christos Tsiaras and Alemnew Asrese. TOWARDS A COMPREHENSIVE FRAMEWORK FOR QOE AND USER BEHAVIOR MODELLING
W3a - Poster Madness 1	Wednesday	10:30 - 11:00	Tobias Hossfeld	Poster session 1: 2-minute presentation per W3 poster
coffee break	Wednesday	11:00-11:30		
W3b - Poster session 1	Wednesday	11:30 - 13:00	Tobias Hossfeld	Dennis Guse, Sebastian Schuck, Oliver Hohfeld, Alexander Raake and Sebastian Möller. Subjective Quality of Webpage Loading: The Impact of Delayed and Missing Elements on Quality Ratings and Task Completion Time
				Janto Skowronek and Alexander Raake. Conceptual Model of Multiparty Conferencing and Telemeeting Quality
				Miguel Avelino Rios Quintero, Benjamin Zachey and Alexander Raake. ANNOYANCE AND ACCEPTABILITY OF VIDEO SERVICE RESPONSIVENESS
				Simon Gunkel, Marwin Schmitt and Pablo Cesar. A QoE study of different stream and layout configurations in video conferencing under limited network conditions
				Marie-Neige Garcia, Werner Robitza and Alexander Raake. On the accuracy of short-term quality models for long-term quality prediction
				Patrick Zwickl, Peter Reichl, Lea Skorin-Kapov, Ognjen Dobrijevic and Andreas Sackl. On the Approximation of ISP and User Utilities from Quality of Experience
				Iffat Ahmed and Andreas Petlund. Analysing User Satisfaction in Next Generation Networks for Multimedia Multicast Transmission
				Maty Ndiaye, Mohamed-Chaker Larabi, Abdelhakim Saadane, Gwenaël Le Lay, Clency Perrine, Catherine Quinquis and Laetitia Gros. Subjective Assessment of the Perceived Quality of Video Calling Services Over a Real LTE/4G Network
				Karel Vandenbroucke, Elena Patricia Nuñez Castellar and Lieven De Marez. Subjective Insights From Time And Place Shifters In Assessing Temporal Quality Of Experience
				Athanasia Zlatintsi, Petros Koutras, Niki Efthymiou, Petros Maragos, Alexandros Potamianos and Katerina Pastra. Quality Evaluation of Computational Models for Movie Summarization
Tobias Hossfeld, Poul Heegaard and Martin Varela. QoE beyond the MOS: Added Value Using Quantiles and Distributions				
Babak Naderi, Ina Wechsung and Sebastian Möller. Effect of Being Observed on the Reliability of Responses in Crowdsourcing Micro-task Platforms				
Lunch Break	Wednesday	13:00 - 14:00		
Keynote 2	Wednesday	14:00 - 15:00	Soren	Keynote 2: Richard Leider, YouTube, USA
WSS1 - Gaming QoE	Wednesday	15:00 - 16:30	S. Egger and S. Moller	Sebastian Möller, Jan-Niklas Antons, Justus Beyer, Sebastian Egger, Elena Núñez Castellar, Lea Skorin-Kapov and Mirko Sužnjajec. Towards a New ITU-T Recommendation for Subjective Methods Evaluating Gaming QoE
				Justus Beyer, Richard Varbelow, Jan-Niklas Antons, Sebastian Möller. Using Electroencephalography and Subjective Self-Assessment to Measure the Influence of Quality Variations in Cloud Gaming
				Ivan Slivar, Mirko Sužnjajec and Lea Skorin-Kapov. The Impact of Video Encoding Parameters and Game Type on QoE for Cloud Gaming: a Case Study using the Steam Platform
				David Rojas, Brent Cowan, Bill Kapralos, Karen Collins and Adam Dubrowski. The Effect of Sound on Visual Realism Perception and Task Completion Time in a Cel-Shaded Serious Gaming Virtual Environment
				Isabelle Hupont, Joaquín Gracia, Luis Sanagustín and Miguel Angel Gracia. How Do New Visual Immersive Systems Influence Gaming QoE?
coffee break	Wednesday	16:30 - 17:00		
W4 - Temporal Aspects of QoE	Wednesday	17:00-18:30	Lea Skorin-Kapov	Andreas Sackl, Pedro Casas, Raimund Schatz, Lucjan Janowski and Ralf Irmer. Quantifying the Impact of Network Bandwidth Fluctuations and Outages on Web QoE
				Werner Robitza, Marie-Neige Garcia and Alexander Raake. At Home in the Lab: Assessing Audiovisual Quality of HTTP-based Adaptive Streaming with an Immersive Test Paradigm
				Nicolas Staelens, Paulien Coppens, Niels Van Kets, Glenn Van Wallendael, Wendy Van den Broeck, Jan De Cock and Filip De Turck. ON THE IMPACT OF VIDEO STALLING AND VIDEO QUALITY IN THE CASE OF CAMERA SWITCHING DURING ADAPTIVE STREAMING OF SPORTS CONTENT
				Benjamin Rainer, Stefan Petscharrig, Christian Timmerer and Hermann Hellwagner. Is One Second Enough? Evaluating QoE for Inter-Destination Multimedia Synchronization using Human Computation and Crowdsourcing
				Lúcia Carreira, Nelson Rodrigues, Bruno Roque and Maria Paula Queluz. Automatic Detection of Flashing Video Content

Thursday May 28				
TSS1 - QoE in 4G mobile networks and beyond	Thursday	9:00 - 11:00	Nikos Passas, Eirini Liotou, Christos Verikoukis, Hisham Elishaer	Eirini Liotou, Hisham Elshaer, Raimund Schatz, Ralf Irmer, Mischa Dohler, Nikos Passas and Lazaros Merakos. Shaping QoE in the 5G Ecosystem
				Eirini Liotou, Georgia Tselioli, Konstantinos Samdanis, Dimitris Tsolkas, Ferran Adelantado and Christos Verikoukis. An SDN QoE-Service for Dynamically Enhancing the Performance of OTT Applications
				Salvatore Costanzo, Rudraksh Shrivastava, Dionysis Xenakis, Konstantinos Samdanis, David Grace and Lazaros Merakos. An SDN-based Virtual Cell Framework for Enhancing the QoE in TD-LTE Pico Cells
				Maria Torres Vega, Emanuele Giordano, Decabal Constantin Mocanu, Dian Tjondronegoro and Antonio Liotta. Cognitive No-Reference Video Quality Assessment for Mobile Streaming Services

				Anargyros Sideris, Evangelos Markakis, Nikos Zotos, Evangelos Pallis and Charalabos Skianis. MPEG-DASH users' QoE: The segment duration effect George Stamatakis, Elias Tragos and Apostolos Traganitis. A two-stage Power and QoS aware Dynamic Spectrum Assignment scheme for Cognitive Wireless Sensor Networks
coffee break	Thursday	11:00-11:30		
T1 - Speech, Acoustics, Web and Video: the many aspects of QoE	Thursday	11:30 - 13:00	Alexander Raake	Martín Varela, Lea Skorin-Kapov, Toni Mäki and Tobias Hoßfeld. QoE in the Web: A Dance of Design and Performance
				Stephan Werner, Florian Klein and Karlheinz Brandenburg. Influence Of Spatial Complexity And Room Acoustic Disparity On Perception Of Quality Features Using A Binaural Synthesis System
				Naomi Harte, Eoin Gillen and Andrew Hines. TCD-VoIP, a Research Database of Degraded Speech for Assessing Quality in VoIP Applications
				Pedro Garcia Freitas, Judith A. Redi, Mylene C.Q. Farias and Alexandre F. Silva. Video Quality Ruler: A New Experimental Methodology for Assessing Video Quality
				Vasileios Giotsas, Nikos Deligiannis, Pam Fisher and Yiannis Andreopoulos. Perceptual Video Quality Estimation By Regression With Myopic Experts
Lunch Break	Thursday	13:00 - 14:00		
Keynote 3	Thursday	14:00 - 15:00	Judith Redi	Keynote 3: Weisi Lin, NTU
TSS2 - Uncovering the Dark Side of the Moon: Lessons Learned from Unexpected Experimental Outcomes	Thursday	15:00 - 16:30	Raimund Schatz, Margaret Pinson and Lucjan Janowsky	Tobias Hossfeld and Markus Fiedler. The Unexpected QoE Killer: When the Network Emulator Misshapes Traffic and QoE
				Dawid Juszcza, Zdzislaw Papir. A study on order effect in a subjective experiment on stereoscopic video quality
				Michele Saad, Philip Coriveau and Ramesh Jaladi. Revealing the Dark Side of a Subjective Study: Learnings from Noise and Sharpness Ratings
				Tobias Hossfeld and Judith Redi. Journey through the crowd: Best Practices and Recommendations for Crowdsourced QoE
				Justus Beyer, Richard Varbelow, Jan-Niklas Antons and Steffen Zander. A Method For Feedback Delay Measurement Using a Low-cost Arduino Microcontroller
Kjell Brunström, Samira Tavakoli and Jacob Søgaard. Compensating for Type-I errors in video quality assessment				
coffee break	Thursday	16:30 - 17:00		
T2a - Poster Madness 2	Thursday	17:00 - 17:10		Poster session 2: 2-minute presentation per T2 poster
T2b - Poster Session 2	Thursday	17:10 - 18:30	Andrew Hines	Muhammad Shahid, Joanna Panasiuk, Glenn Van Wallendael, Marcus Barkowsky and Benny Lövsström. Predicting Full-Reference Video Quality Measures using HEVC Bitstream-Based No-Reference Features
				Jacob Søgaard, Søren Forchhammer and Kjell Brunström. Quality Assessment of Adaptive Bitrate Videos using Image Metrics and Machine Learning
				Louis Kerofsky, Rahul Vanam and Yuriy Reznik. Adapting Objective Video Quality metrics to Ambient lighting
				Jesús Gutiérrez, Alexander Raake, Savvas Argyropoulos and Narciso Garcia. Rule-Based Combination of Video Quality Metrics
				Jacob Søgaard, Søren Forchhammer and Jari Korhonen. Video Quality Assessment and Machine Learning: Performance and Interpretability
				Dragana Sandic-Stankovic, Dragan Kukulj and Patrick Le Callet. DIBR synthesized image quality assessment based on morphological wavelets
				Jianxin Lin, Lingling Zhu, Zhibo Chen, Xiaoming Chen. Objective Quality Assessment For Image Retargeting Based On Hybrid Distortion Pooled Model

Friday May 29				
F1 - QoE of 3D and stereoscopic experiences	Friday	9:00 - 10:30	Beatrice Pesquet-Popescu	Steven Poulakos, Rafael Monroy, Tunc Aydin, Oliver Wang, Aljoscha Smolic and Markus Gross. A Computational Model for Perception of Stereoscopic Window Violations
				Hongwei Ying, Gangyi Jiang, Mei Yu, Feng Shao, Zongju Peng, You Yang. New Stereo Visual Comfort Assessment Method Based on Scene Mode Classification
				Haiyong Xu, Gangyi Jiang, Mei Yu, Yun Zhang, Ting Luo, Zongju Peng and Feng Shao. Binocular Combination and Fractional Differential Based 3D Image Quality Assessment
				Pierre Lebreton, Alexander Raake, Marcus Barkowsky and Patrick Le Callet. Open perceptual binocular and monocular descriptors for stereoscopic 3D images and video characterization
				Pablo Carballeira, Jesús Gutiérrez, Francisco Morán, Julián Cabrera and Narciso García. Subjective Evaluation of Super Multiview Video in Consumer 3D Displays
F2a - Poster Madness 3	Friday	10:30 - 11:00	Nikos Deligiannis	Poster session 3: 2-minute presentation per F2 poster
coffee break	Friday	11:00-11:30		
F2b - Poster Session 3	Friday	11:30 - 13:00	Nikos Deligiannis	Wendy Ann Mansilla and Andrew Perkis. Design and Storytelling Concepts in the Quality of Experience
				Sharath Chandra Guntuku, Michael James Scott, Yang Huan, Gheorghita Ghinea and Weisi Lin. The CP-QAE-I: A Video Dataset for Exploring the Effect of Personality and Culture on Perceived Quality and Affect in Multimedia
				Ingvar Tjostheim, Wolfgang Leister, Trenton Schulz and Andreas Larssen. The Role of Emotion and Enjoyment for QoE – a Case Study of a Science Centre Installation
				Péter András Kara, László Bokor, Andreas Sackl and Mariana Mourão. What your phone makes you see: Investigation of the effect of end-user devices on the assessment of perceived multimedia quality
				Stamos Katsigiannis, Vasilis Dimitris and Dimitris Maroulis. A GPU vs CPU performance evaluation of an experimental video compression algorithm
				David Blinder, Ayyoub Ahar, Athanasia Symeonidou, Yafei Xing, Tim Bruylants, Colas Schretter, Béatrice Pesquet-Popescu, Frédéric Dufaux, Adrian Munteanu and Peter Schelkens. Open Access Database for Experimental Validations of Holographic Compression Engines
				A. Wafa, P. Nasiopoulos, V. C. Leung, Mahsa T. Pourazad. Automatic Real-Time 2D-To-3D Conversion For Scenic Views
				Martin Rerabek, Philippe Hanhart, Pavel Korshunov and Touradj Ebrahimi. Quality Evaluation of HEVC and VP9 Video Compression in Real-Time Applications
				Charalampos Mysirlidis, Tasos Dagiuklas, Dino Kotarainin, Savina Gruicic, Emil Dumic, Pedro M. R. Rocha, Luis A. Da Silva Cruz and Athanasios Skodras. STESCAL3D: Subjective Evaluation Of HD Stereo Video Streaming Using H.264 SVC In Diverse Laboratory Environments
				Marco Bernardo, Antonio Pinheiro, Paulo Fiadeiro and Manuela Pereira. Eye gaze behavior under chromatic impairments and quality assessment
				Marco Calemme, Marco Cagnazzo and Beatrice Pesquet-Popescu. Depth coding and perceived quality for 3D video
				Asli Kumcu, Ljiljana Platisa and Wilfried Philips. Effects of static and dynamic image noise and background luminance on letter contrast threshold

Lunch Break	Friday	13:00 - 14:00		
FSS1 - QoE in Haptics	Friday	14:00 - 15:20	Mohamad Eid and Abdelwahab Hamam	<p>Matti Strese, Clemens Schuwerk and Eckehard Steinbach. On the Retrieval of Perceptually Similar Haptic Surfaces</p> <p>Bing Wu, Sung Hun Sim, Andinet Enquobahrie and Ricardo Ortiz. Effects of Visual Latency on Visual-Haptic Experience of Stiffness</p> <p>Abdelwahab Hamam and Abdulmoteleb El Saddik. User Force Profile of Repetitive Haptic Tasks Inducing Fatigue</p> <p>Mohamad Eid, Georgios Korres and Camilla Birgitte Falk Jensen. SOA Thresholds for the Perception of Discrete/Continuous Tactile Stimulation</p>
coffee break	Friday	15:30 - 16:00		
F3 - HDR and UHD QoE	Friday	16:00 - 17:30	Antonio Pinheiro	<p>Pavel Korshunov, Philippe Hanhart, Thomas Richter, Alessandro Artusi, Rafal Mantiuk and Touradj Ebrahimi. Subjective quality assessment database of HDR images compressed with JPEG XT</p> <p>Maryam Azimi, Ronan Boitard, Basak Oztas, Stelios Ploumis, Hamid Reza Tohidypour, Mahsa T. Pourazad and Panos Nasiopoulos. Compression Efficiency of HDR/LDR Content</p> <p>Claire Mantel, Jari Korhonen, Søren Forchhammer, Jesper Pedersen, Søren Bech. Subjective quality of videos displayed with local backlight dimming at different peak white and ambient light levels</p> <p>Lukas Krasula, Manish Narwaria, Karel Filegel and Patrick Le Callet. INFLUENCE OF HDR REFERENCE ON OBSERVERS PREFERENCE IN TONE-MAPPED IMAGES EVALUATION</p> <p>Kongfeng Berger, Yao Koudota, Marcus Barkowsky and Patrick Le Callet. Subjective quality assessment comparing UHD and HD resolution in HEVC transmission chains</p>