IMQA2024

The Twelfth International Workshop on Image Media Quality and its Applications

February 27th-28th, 2024
Osaka University Nakanoshima Center, Osaka, Japan
Organized by Technical Group of Image Media Quality and its Application, IEICE

Technical Program (Time Table)

IMQA2024 Day 1 (Tuesday, February 27, 2024)

Time	Session	Details
14:00-14:10	Opening Remarks	Kenya Uomori (General Chair of IMQA2024, Osaka University, Japan)
14:10-14:30	Oral Session 1 Chair: Takashi Yamazoe	OS1-1 "Influence of personality on the appearance of simulacra phenomenon" Akihiro Komiyama (Tokai University, Japan), Hironori Nakatani (Tokai University, Japan)
14:30-14:50		OS1-2 "Gaze analysis on compilation error correction for a programming learning support system" Naoki Fujisaka (Tokai University, Japan), Mitsuho Yamada (Tokai University, Japan), Eriko Ishii (Kagoshima Prefectural College, Japan), Yuko Hoshino (Tokai University, Japan)
14:50-15:00	Break	
15:00-15:20	Oral Session 2 Chair: Kenya Uomori	OS2-1 "Eye movements of young children during play, exercise and sport" Kanji Kitahama, Yoshifumi Chinen, Kampei Miyakawa, Hiroyuki Ishibashi, and Mitsuho Yamada (Tokai University, Japan)
15:20-15:40		OS2-2 "Three principal image quality factors of perceptually natural 3D space reproduction in 2D display images: stereopsis tone-mapping- and motion-parallax- based depth cues" Sakuichi Ohtsuka (International College of Technology, Kanazawa, Japan)
15:40-15:50	Break	
15:50-16:50	Keynote Lecture 1 Chair: Hiroaki Kudo	KL1 "Ocular Parallax Rendering for Improving Visual Perception in Virtual/Augmented Reality" Dr. Yuri Mikawa (NTT Communication Science Laboratories, Japan)

IMQA2024 Day 2 (Wednesday, February 28, 2024)

Time	Session	Details
9:30-10:30	Keynote Lecture 2 Chair: Toshiya Nakaguchi	KL2 "From Pixels to Products: Imaging Technology's Role in 2D and 3D Printing applications" Dr. Li YANG (RISE （Research Institutes of Sweden), Sweden)
10:30-10:40	Break	
10:40-12:00	Poster Session Chair: Kenya Uomori	PS-1 "Effects of the degree of story congruence between picture books and background sounds in reading to young children on their ability to concentrate.― investigation of evaluation method by eye movements ―" Rin Aburadani (Tokai University, Japan), Kanji Kitahama (Tokai University, Japan), Mitsuho Yamada (Tokai University, Japan), Nao Hodoshima (Tokai University, Japan)
		PS-2 "Proposal for a related news recommendation method using the gaze while viewing news articles" Shu Iwasa (Graduate School of Tokai University, Japan), Eriko Ishii (Kagoshima Prefectural College, Japan), Mitsuho Yamada (Graduate School of Tokai University, Japan), Yuko Hoshino (Tokai University, Japan)
		PS-3 "Dynamic subtitles with a small number of characters using dividing presentation" Soya Tomaru (Tokyo University of Technology, Japan), Ikuko Tsubaki (Tokyo University of Technology, Japan)
		[Communication time for casual discussion] Communication time with all participants who are interested. Let's talk easily at the poster booth! Please paste your printed presentations on the poster board. Demonstrations (PC-video, additional materials) are welcome.
12:00-13:00	Lunch Break	
13:00-14:00	Keynote Lecture 3 Chair: Kuniharu Imai	KL3 "Impact of generative ai in medical image processing" Associate Professor, Masahiro Oda (Nagoya University, Japan)
14:00-14:10	Break	
14:10-14:30	Oral Session 3 Chair: Takashi Yamazoe	OS3-1 "Quantitative evaluation of contrast resolution on ct images using new concept of effective cnr analysis" Kengo Igarashi, Kuniharu Imai, Shigeru Matsushima, Chiyo Yamauchi-Kawaura, Keisuke Fujii, and Takashi Mukouyama (Nagoya University Graduate School of Medicine, Japan)
14:30-14:50		OS3-2 "Examination of gaze estimation with a webcam for an easy eye-contact training system" Kazuma Koshiba (Chiba University, Japan), Eiji Shimizu (Chiba University, Japan), Yukihiro Nomura (Chiba University, Japan), Toshiya Nakaguchi (Chiba University, Japan)
14:50-15:10		OS3-3 "Effect of illumination directions in semantic segmentation of dislocation clusters in chemical etched multicrystallin silicon wafer" Hiroaki Kudo (Nagoya University, Japan), Kentaro Kutsukake (RIKEN AIP, Japan), Noritaka Usami (Nagoya University, Japan)
15:10-15:20	Break	
15:20-15:40	Oral Session 4 Chair: Kenya Uomori	OS4-1 "Effects of viewing distance and viewing angle on head motion in eyepiece displays" Sumio Yano (Shimane University, Japan), Shuichi Ojima (Sojo University, Japan)
15:40-16:00		OS4-2 "Motion blur affect to motion sickness at unmanned aerial vehicle maneuver" Takashi Yamazoe (Seikei University, Japan), Yuu Kanda (Seikei University, Japan), Kenji Sugiyama (Seikei University, Japan), Aya Kato (Musashino Art University, Japan), Takaya Saito (Musashino Art University, Japan), Masayuki Ouchida (Musashino Art University, Japan), Sayu Itakura (Musashino Art University, Japan), Midori Matsui (Musashino Art University, Japan), Miho Yamaguchi (Musashino Art University, Japan), Jin Zilin (Musashino Art University, Japan), Rino Nimonji (Musashino Art University, Japan), Saeko Kishi (Musashino Art University, Japan), Kohei Shimizu (Musashino Art University, Japan)
16:00-16:10	Awards Ceremony & Closing Remarks	Hiroaki Kudo (Vice-Chair of IMQA2024, Nagoya University, Japan)