

Program

Data: July 2nd, Sunday

8:00-17:00	Welcome at International Education and Exchange Center of Beijing Institute of Technology
19:00	Preparatory meeting “APMAR2018” (Just for APMAR members)

Data: July 3rd, Monday

Time	Title	Chair
7:50 – 8:10	Registration	
8:10 – 8:30	Welcome	Yongtian Wang
8:30 – 9:10	Keynote Speech	Nassir Navab
9:10– 9:40	Coffee Break	
	Paper Session 1	Takafumi Taketomi
9:40 – 9:55	A Multi-View Camera-Based Diminished Reality for Work Area Visualization Momoko Maezawa, Shohei Mori and Hideo Saito	
9: 55 – 10:10	Intuitive Visual Hints for Guiding Head Movement in Learning Tai Chi Chuan with Head-Mounted Display Ping-Hsuan Han, Yilun Zhong, Han-Lei Wang, Ming-Sui Lee and Yi-Ping Hung	
10:10 – 10:25	Indirect Augmented Reality without Pre-capturing Target Environments Kunat Pipatanakul, Norihiko Kawai, Tomokazu Sato, Kiyoshi Kiyokawa and Naokazu Yokoya	
10:25 – 10:40	Converting face sketches to photo-realistic digital images Youngju Choi and Yongduek Seo	

10:40 – 10:55	An Augmented Reality Supports for Self-learners Learning Activity Involving Motion: A Case Study on an Alphabet Writing System Yuya Miyoshi, Yuji Oyamada, Aya Shiraiwa, Kazu Mishiba and Katsuya Kondo
10:55 – 11:10	Influence on Weight Sensation Caused by Visual Diminishing of Real Objects Miho Tanaka, Ayushi Misra, Kana Oshima, Satoshi Hashiguchi, Shohei Mori, Asako Kimura, Fumihisa Shibata and Hideyuki Tamura
Paper Session 2 Yue Liu	
11:10– 11:25	Depth Map Restoration via Regularization in Curvelet Domain Qirui Zhang, Takafumi Taketomi, Alexander Plopski, Christian Sandor and Hirokazu Kato
11:25 – 11:40	Gaze Depth Estimation for AR/VR HMD Youngho Lee, Thammathip Piumsomboon, Gun Lee and Mark Billinghurst
11:40 – 11:55	Image Matching between Cameras for Vision Augmentation HMDs Ryosuke Goto, Jason Orlosky, Photchara Ratsamee, Tomohiro Mashita, Yuki Uranishi, Kiyoshi Kiyokawa and Haruo Takemura
11:55 – 12:10	Determining Perceived Magnitude with Respect to Intensity and Frequency Control of Ultrasound Transducers Array Tatyana Ogay, Ahsan Raza and Seokhee Jeon
12:10 – 12:25	An Automated Calibration Method for Large Scale Projector-Camera System Chun Xie, Kenji Suzuki, Yoshinari Kameda and Itaru Kitahara
12:30 – 14:00	Lunch
Paper Session 3 Youngho Lee	
14:00 – 14:15	Location estimation from pre-recorded video taken by omnidirectional cameras Yuta Nagumo, Itaru Kitahara and Yoshinari Kameda
14:15 – 14:30	An Application of Augmented Haptics: Prostate Palpation Simulator with Realism Aishwari Talhan and Seokhee Jeon

14:30 – 14:45	Automated Backlight Modulation of Optical See-through Head Mounted Displays Based on Users' Visibility Evaluation Chang Liu, Alexander Plopski, Tomohiro Mashita, Yoshihiro Kuroda, Kiyoshi Kiyokawa and Haruo Takemura
14:45 – 15:00	Multimodal Interaction Design for Energy General Science Education based on Future Classroom Concepts Sheng-Ming Ryan Wang and Chieh-Ju Huang
15:00 – 15:15	Study of walking support method in real space when immersed in virtual space Kohei Kanamori, Nobuchika Sakata, Tomu Tominaga, Yoshinori Hijikata and Kensuke Harada
15:15 – 15:30	Structure from Motion with Bezier-Splines for Hand-held Space Carving Zhirui Wang and Laurent Kneip
Paper Session 4 Yi-Ping Hung	
15:30 – 15:45	Applications of IoT and AR combination Ryo Akiyama, Alexander Plopski, Takafumi Taketomi, Christian Sandor, Hirokazu Kato and Daniel Saakes
15:45 – 16:00	Gesture Recognition from Depth Images with Hierarchical Hand Parsing Menghsuan Lin and Shang-Hong Lai
16:00 – 16:15	Empowering a POB-Diminished Reality Method to Handle Rigid Moving Objects with Real-time Observation Masaru Horita, Daiki Sakauchi, Shohei Mori, Sei Ikeda, Fumihisa Shibata, Asako Kimura and Hideyuki Tamura
16:15 – 16:30	Research on Equipment Maintenance Guidance System and Demo Realization Based on Augmented Reality Jiang Yuan, Sun Han-Bing and Li Wei-Ke
16:30 – 16:45	Assisting People with Hand Tremor to Type Steadily on Keyboard Using Optical See-Through Mixed Reality Wang Kai, Daisuke Iwai and Kosuke Sato
16:50 – 17:20	Coffee Break
17:20 – 18:00	Closing Speech Yongtian Wang

Data: July 4th, Tuesday

8:00 – 18:00	Town meeting
18:00 – 20:30	Return Beijing Institute of Technology