IWH2021 Program

Friday Mar. 11th   Times are shown in Japan standard time.

Start	End	No	Presenter	Affiliation	Country /Region	Title
10:00	10:10					Opening
10:10	10:50	11-A01	Michael CHENG	Zemax	Taiwan	Simulation of holographic imaging system in Zemax OpticStudio
10:50	11:15	11-A02	Lambertus HESSELINK	Stanford University	U.S.A.	Holographic X-ray Detector
11:15	11:30					Break
11:30	11:55	11-A03	Kentaro IWAMI	Tokyo University of Agriculture and Technology	Japan	Metasurface holographic movie based on a cinematographic approach
11:55	12:20	11-P01	Hiroshi YOSHIKAWA	Nihon University	Japan	How to make hologram calculation dramatically fast
12:20	13:15					Lunch
13:15	13:40	11-P02	Shuhei YOSHIDA	Kindai University	Japan	Fast full-color electro-holography with digital micromirror device
13:40	14:05	11-P03	Kazuhiro YAMAGUCHI	Suwa University of Science, Hokkaido University	Japan	Wireless Communication System for Computer Generated Holography : Trends and Key Technologies in Wireless Communication System
14:05	14:30	11-P05	Jung-Ping LIU	Feng-Chia University	Taiwan	Binary computer-generated holograms for high-quality display
14:30	14:45	11-P04	Zehao HE	Tsinghua University	China	Angular-spectrum algorithm for holographic 3D display based on 2D-to-3D approach
14:45	15:00	11-P06	Yeh-Wei YU	National Central University	Taiwan	Four-level Phase Retrieved by Double-frequency grating Shearing Interferometer
15:00	15:15					Break
15:15	15:40	12-A01	Yifan (Evan) PENG	Stanford University	U.S.A.	Next-generation holographic display systems incorporating optics and machine intelligence
15:40	15:55	11-P08	Masanori TAKABAYASHI	Kyushu Institute of Technology	Japan	Hyperparameter tuning for accurate image classification using self-referential holographic neural network
15:55	16:10	11-P09	Yoshio HAYASAKI	Utsunomiya University	Japan	Holographic optical engine (HolOE) for laser processing using spatially-shaped beams
16:10	16:25	11-P10	Harutaka SHIOMI	Chiba University	Japan	Proposal of a fast computation method with maintaining depth of field using a wavelet transform : WASABI-2
16:25	16:50	11-P11	Hiroki KIKUCHI	Sony Group Corporation	Japan	Holographic Technologies for Co-creation

Saturday Mar. 12th

Start	End	No	Presenter	Affiliation	Country /Region	Title
9:45	10:10	11-P07	Tomoyasu SAIGO	MAXIS Engineering Inc.	Japan	Lighting System with Hologram for Factory Automation
10:10	10:25	12-A02	Naru YONEDA	Wakayama University	Japan	Experimental Verification of Common-path Off-axis Single-pixel Holographic Imaging
10:25	10:40	12-A03	Yuta YAMAMOTO	Toyohashi University of Technology	Japan	Improved image quality of magnetooptical 3D display using micro lens array
10:40	10:55	12-A04	Kazuya TASHIRO	Fukuoka University	Japan	Basic Feasibility Confirmation of Single-shot SQAM Signal Detection with Transport of Intensity Equation Method using SLM for Defocus
10:55	11:10					Break

Start	End	No	Presenter	Affiliation	Country /Region	Title
11:10	12:40			Poster session		
		P01	Yi-Wei ZHENG	Beihang University	China	Method of enlarging viewing area in holographic display system based on Pancharatnam-Berry lens
		P02	Xiaolei ZHANG	Hebei University of Engineering	China	Deep Learning-Based Phase Imaging for Digital Holography
		P03	Takayuki HARA	Chiba University	Japan	Design of Special-Purpose Computer for Incoherent Color Digital Holography
		P04	Juan MANUEL Franco SANCHEZ	Utsunomiya University	Japan	Extension of axial operating range using optical time-of-flight for optical-coherence tomography
		P05	Kota KUMAGAI	Utsunomiya University	Japan	Holographic-laser-excited volumetric display with re-projected aerial graphics based on drawing space separation
		P06	Ping SU	Tsinghua Shenzhen International Graduate School	China	Fast particle fields restoration based on digital holography
		P07	Kenta TANAKA	Maxis Engineering Inc.	Japan	Line Type HOE Machine Vision Lighting System
		P08	Jinyu WANG	Fujian Normal University	China	Factors affecting the polarization state of the reconstructed wave in polarization holography
		P09	Peiliang QI	Fujian Normal University	China	A new method of making equivalent polarizer by polarization holography
		P10	Kyoka SHIMOMURA	Tokyo Institute of Technology	Japan	Integration of Holographic Light Field Display and 2D Display for 3D-touch user interface
		P11	Koosuke HATTORI	Chubu University	Japan	Development of Microscope for Glossy Surface using Holographic Optical Elements
		P12	Motoyasu SANO	National Institute of Technology, Numazu College	Japan	Preformatted Holographic Screen Development for Real 3D Display
		P13	Daisuke BARADA	Utsunomiya University	Japan	Development of Flexible and Elastic Volume Hologram
		P14	Soki HIRAYAMA	Institute of Industrial Science, The University of Tokyo	Japan	Analysis and evaluation of the memory characteristics in the surface shift-multiplexing holographic memory
12:40	13:30			Lunch		
13:30	13:55	12-P01	Tetsuhiko MUROI	Japan Broadcasting Corporation (NHK)	Japan	Acquisition of Three-Dimensional Information of an Object using Incoherent Digital Holography
13:55	14:10	12-P02	Teruyoshi NOBUKAWA	Japan Broadcasting Corporation (NHK)	Japan	Depth-of-field control through transformation of coherence-dependent bokeh in incoherent digital holography
14:10	14:25	12-P03	Katsunori NAKAGAWA	Maxis Engineering Inc.	Japan	3D observation of biological tissues using single-shot digital holographic microscopy
14:25	14:50	12-P04	Wen QIAO	Soochow University	China	Planar optical elements based glasses-free 3D display
14:50	15:05			Break		
15:05	15:30	12-P05	Ryushi FUJIMURA	Utsunomiya University	Japan	Iterative Phase Determination Method using Pixel Spread Function
15:30	15:55	12-P06	Xiao LIN	Fujian Normal University	China	When deep learning meets holographic data storage
15:55	16:20	12-P07	Guohai SITU	Shanghai Institute of Optics and Fine Mechanics	China	Physics-enhanced deep neural networks for computational imaging
16:20	16:35			Break		
16:35	17:05			Closing		