

The 8th international symposium on

Holography Art and Technology

Time (時間): 2018.12.13 - 12.14

Location (地點): Advantech International Conference Hall (研華國際會議廳)

The purpose of this symposium is to exchange information between Japan, Bulgaria and Taiwan research and art peoples and to improve friendship among them.

全像光電研討會研討會(HODIC) , 是一場不單是全維度成像技術的論壇, 更是科技與藝術的對話, 在追求更精采的立體感官刺激的同時, 讓"全像"不只是"攝影", 帶來更多了解未來還有甚麼可能的"科技饗宴"。

2018 Dec. 13

Opening

- 13:30 -13:45 **Opening remark** /Prof. Ken Y. Hsu
- 13:45 -14:00 **Introduction of Holographic Display Artists &Engineers Club (HODIC)**/Prof. Jumpei Tsujiuchi
- 14:00 -14:15 **Introduction of Institute of Optical Materials and Technologies, Bulgarian Academy of Science (IOMT, BAS)**
Prof. Daniela Karashanova
- 14:15 -14:30 **Introduction of College of Photonics, National Chiao Tung University (COP, NCTU)**/Prof. Shean-Jen Chen

Keynote Speech

- 14:30 -15:00 **Holography in Mechanical Engineering**/Prof. Jumpei Tsujiuchi

Exhibition lists

Exhibitors	Title
Setsuko Ishii	Particle of Nature No-title Autumn Leaves
Tokyo Institute of Technology	Diamonds
Artience Lab Inc.	WOWGRAM-sample panel- WOWGRAM-crystal metal- WOWLIGHT-light stick-
Kyoji Matsushima, Orie Kunieda, Kenta Nakamoto, Yosuke Nagae, Kansai University, Kan-Dai Digital Holo-Studio	Recent Works in Computer Holography: Toy Train, Sailing Warship II, Color Shion II, Color Cube, etc... (and CGHs related to oral presentation)
Tomoko Sakai	HOT SPOT I ...shall be holden with cards of his sin.
Tomoko Sakai, Takanobu Yoneya, Tomoyoshi Ito et al.,	Holography works by Chiba University and Chiba Municipal Chiba High School
Ryuji Hirayama	3D Crystal projecting multiple images
Szu-Chieh Wang, Ting-Hao Syu, Yun-Chuan Chen, Cheng-Wei Weng, Chen-Sin Jhuang	Chúxì/ The Chinese New Year Eve Chū Yī/ The First Day of Chinese New Year Chū èr/ The Second Day of Chinese New Year Chū Sān/ The Third Day of Chinese New Year Chū Sì/ The Forth Day of Chinese New Year Chū Wǔ/ The Fifth Day of Chinese New Year

2018 Dec. 14

Oral Presentations

- 9:00 -9:25 **High-speed three-dimensional vibrometry based on single-shot phase-shifting digital holography** /Dr. Takashi Kakue
- 9:25 -9:50 **Recent progress of dedicated computer for electro-holography**
Dr.Takashi Nishitsuji
- 9:50 -10:15 **3-D imaging for a free-floating living cell by digital holographic microtomography**/Dr. Yu-Chih Lin
- 10:30 -10:55 **Stacked-volume CGH: A novel technique to create full-color CGHs**/Ms. Orie Kunieda
- 10:55 -11:20 **Creation of a large-scale urban landscape CGH using the switch-back and polygon-based method** /Mr. Yosuke Nagae
- 11:20 -11:45 **Holographic recording in organic-inorganic hybrid structures**
Prof. Vera Marinova
- 11:45 -12:10 **Exact mask-based occlusion processing in large-scale computer holography**/ Mr. Kenta Nakamoto
- 13:30 -13:55 **Artistic Representation with Pulsed Holography**
Dr. Setsuko Ishii
- 13:55 -14:20 **Three-Dimensional Display by High-Definition Computer-Generated Hologram** / Prof. Jung-Ping Liu
- 14:20 -14:45 **Research on Wavefront Printing Technology Aiming at Several Holographic Displays** /Dr. Yasuyuki Ichihashi
- 14:45 -15:10 **Investigation of ringing artifact removal method based on its cause in random phase-free hologram** / Dr. Yuki Nagahama
- 15:30 -15:55 **Volume holographic storage technique and relative applications**
Prof. Yeh-Wei Yu
- 15:55 -16:20 **3D volumetric structure projecting Multiple 2D images in different directions** / Dr. Ryuji Hirayama
- 16:20 -16:45 **Large viewing angle electro-holography by space projection**
Dr. Koki Sato
- 16:45 -17:10 **Sensing Applications of Holographic grating**
Prof. Cheng-Chin Hsu
- 17:10 -17:30 **Panel Discussions & Closing remark** /Dr. Takashi Nishitsuji

