

2022年國際顯示製程前瞻技術研討會 海報發表索引

The International Display Manufacturing Conference (IDMC 2022) Poster Agenda

#	發表編號 Presentation No.	投稿編號 Abstract No.	發表日期 Date	發表場次 Session	發表地點 Place	發表者姓名 Presenter Name	論文標題 Presentation Title
1	P-01-01	P1-001	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Hua-Wei Liu	Multiplex Correlated Double Sampling Circuit on Glass for Active Pixel Sensor Array
2	P-01-02	P1-003	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chien-Ju Li	A method of Motion Sickness Reduced by Reference Image on the Vehicle's Side Window
3	P-01-03	P1-004	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chunyen Huang	Correction and Alignment of the Three-Dimensional Image in the Transparent Display Interactive System
4	P-01-04	P8-008	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Po-An Lin	In-Display Photo-sensing Application by Utilizing Nickel-Induced Laterally Crystallization Polysilicon Thin Film Transistor
5	P-02-01	P2-007	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yu-Ying Hsu	Maskless Digital Lithography Material Technology
6	P-02-02	P2-008	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Ching-Mao Wu	Activated Carbonization of Recycled Photoresist and Its Preparation of Activated Carbon Cloth
7	P-02-03	P2-009	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Shuang-Huei Chen	The Innovative Near-IR Activated Debonding Adhesive for Disassembly of Polarizer Module
8	P-02-04	P8-012	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Sheng-Hui Chen	Titanium Doped IGZO Thin Films by Using the Pulsed Magnetron Sputtering Deposition
9	P-02-05	P8-013	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Sheng-Hui Chen	Fabrication of CAAC-IGZO Thin Films Using High Power Impulse Magnetron Sputtering
10	P-02-06	P10-002	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yu-Ming Peng	Stress Compensation for LED Device Mounted on In-Mold Plastic Substrate
11	P-03-01	E3-004	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Pu-Yuan Lin	Flexible Differential Amplifier Based on a-IGZO TFTs
12	P-03-02	P2-006	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Shu-Wei Chang	Enhancement of Resistive Switching Characteristics of InWZnO-Based CBRAM with Low Power Consumption
13	P-03-03	P8-004	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Sheng-Jie Su	Cu-based Memory Technology with Novel Amorphous Oxide for Display Application
14	P-03-04	P8-006	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	You-Syuan Zhou	Utilizing Tin Oxide Semiconductor for High Performance P-Channel Thin Film Transistor Applications
15	P-03-05	P8-007	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yu-Ting Tsai	Metal Contamination Suppression on Nickel-induced Laterally Crystallized Low-Temperature Polycrystalline Silicon Thin-Film Transistor for High Resolution Display Peripheral Circuits
16	P-03-06	P8-010	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yu-Chen Chen	Effect of Varying Dopant Concentration of Indium-Based Oxide Thin-Film Transistors for Display Applications
17	P-04-01	E4-002	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Shi-Jie Chen	Application of Augmented Reality Technology in Radiology, Endoscopy and Surgery
18	P-04-02	P4-003	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Zih-Fan Chen	Computer Hologram Generation Using Deep Learning Neural Network
19	P-04-03	P4-004	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chih-Hao Chuang	Dual-Depth Holographic 3D Head-Up Display
20	P-04-04	P4-005	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Ding-Yu Zhuo	Design of Composite Optical Element in Floating Display
21	P-04-05	P4-006	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Wan-Lin Li	The Design of 2D Eye-Box Expanded Volume Holographic Waveguide with Wide Field of View for AR Application
22	P-05-01	P5-002	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chun-Chieh Chu	Non-Doped White-light Organic Light-emitting Diode with Single Bipolar Emitting Layer
23	P-05-02	P5-004	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chin-Huang Chiu	New Thermally Activated Delayed Fluorescence Emitter for High Efficiency OLED
24	P-05-03	P5-005	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chieh-An Chen	High-Efficiency Blue Fluorescent OLED Based on Pyrene Derivative Host Material
25	P-05-04	P5-007	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chi-Jui Chang	Achieving Low and Consistent Reflectance toward Various Angles by Altering the OLED Structure to Reduce Scattering
26	P-05-05	P5-008	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chen-Han Lu	High-Efficiency and Low Roll-Off Red OLEDs Based on Earth-Abundant Cu(I) Complex
27	P-05-06	P5-009	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Zong-Liang Tseng	Effect of Hole Transport Materials on Red CsPbI ₃ Perovskite Quantum-Dot Light-Emitting Diodes
28	P-05-07	P5-010	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Jui-Ming Wang	A Novel Transparent Composite Electrode for Flexible OLEDs
29	P-05-08	P5-011	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chia-Chen Chung	Realization of Efficient Red OLEDs for Phototherapy Light Sources
30	P-05-09	P5-012	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chung-An Hsieh	Organic Light-Emitting Diodes Integrated with Polyimide/Porous Silica Hybrid Films for Out-Coupling Enhancement
31	P-05-10	P5-013	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yu Kun Tang	Efficient NIR OLED Using Thermally Activated Delayed Fluorescence Material Based on Extended π -Backbone
32	P-05-11	P5-015	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Hao-Che Kao	Realizing Deep-Red/Near-Infrared Phosphorescent OLED with Iridium(III) Complexes with [-2, -1, 0] Charged Ligands
33	P-05-12	P5-016	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chih-Wei Huang	Efficient White Organic Light-Emitting Diodes Having Multiple Emitters in Single Emitting Layer and Efficiency Analyses
34	P-05-13	P5-017	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yi-Ting Chen	Enhancing Efficiency of OLED Displays with Reflective 3D Pixel Configuration
35	P-05-14	P8-002	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Jing-Xiang Huang	High-Efficiency Deep-Blue/Ultraviolet Organic Light Emitting Diodes
36	P-06-02	O6-003	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Guowei Zou	Dynamic Driving Algorithm for Field Sequential Color LCDs with Mini-LED Backlight by Deep Learning
37	P-06-03	P6-002	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yu-Hsuan Hsu	Development of MicroLED Display Using Ion Implantation Technology
38	P-06-04	P6-003	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yu-Hsuan Hsu	Development of Fine Pitch MicroLED Display Using SpecLED Simulation
39	P-06-05	P6-005	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Ying-Ting Liou	Low Yellowness Index Structure for Low-Diffraction Transparent AM-Micro LED Backplane Design
40	P-06-06	P6-006	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Wei-An Lin	Internal Quantum Efficiency Improvement of Optimizing Multiple Quantum Well for Micro LEDs
41	P-07-01	P7-001	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Kung-Ching Chu	Transparent LTPS TFT Backplane with Low-Throughput Process by Mask-less Digital Lithography Technology
42	P-08-01	E8-001	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chih-I Liu	Mini-LED Driving Circuit Utilizing Pulse Width Modulation for Reducing Power Consumption
43	P-08-02	O8-001	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chia-Lun Lee	Mini-LED Circuit to Compensate Threshold-Voltage Variation and Current-Resistance Rise with Pulse-Width Modulation for Liquid-Crystal Display Backlight
44	P-08-03	P1-008	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Ting-Yi Yi	Gate Driver on Array for External Compensation System for AMOLED Display
45	P-08-04	P3-004	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Chi-Cheng Lung	An Investigation on the Effect of Pixel Crosstalk on LED Display Quality
46	P-08-05	P8-003	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yu-Shan Chen	Real Hand Pose Estimation for Interface Control
47	P-08-06	P8-011	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yu-Chen Chou	Pixelwise Illuminance Registration for Displays at Oblique Perspectives
48	P-09-01	P9-001	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Tzu-An Chou	Realization of Sleep Assistant Light Source on Flat-Panel Display
49	P-09-02	P9-003	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Shao-Tang Hung	Curved Characteristic and Flicker Interaction Effect of Flexible Displays
50	P-10-01	O5-004	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Konthoujam James Singh	A Highly Stable Full-Color Device for Display and VLC applications
51	P-10-02	P1-005	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yi-Wei Luo	Dynamic Information Smoothing Technology in an Interactive Windows of Smart Mobile Vehicles
52	P-10-03	P10-001	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Hsiao-Fen Wei	3D Conformal Laminating Simulation and Verification of Flexible Substrate on Rigid Carrier for Vehicle Application
53	P-10-04	P10-003	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Ming-Husan Wu	Diffuser-Based Optical Encryption for Face Recognition System
54	P-11-01	P1-006	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Pravinraj Selvaraj	Polyimide-Free Planner Alignment of Nematic Liquid Crystal on Organic Single-Crystal Rubrene
55	P-11-02	P11-001	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Jia-Long Wu	Novel 2-Domain Polymer Sustained Alignment LCD with Dual Gamma Technology
56	P-11-03	P11-002	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Ching-An Chih	Liquid Crystal Privacy Films using Dual Liquid Crystal Alignment Structures
57	P-11-04	P11-003	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Shu-Ching Chang	Immediate Detection of Polarization States of Unknown Polarized Lights Using Dichroic Dyes-Doped Liquid Crystals
58	P-11-05	P11-004	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Yuan-Chang Tsai	Waveguide Liquid Crystal Devices with Asymmetrical Light Scattering Properties and their Applications
59	P-11-06	P11-006	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Shun-Ling Hou	Flicker Simulation Model with Different Refresh Rate in VA liquid Crystal Display
60	P-11-07	P11-007	Apr.28 (Thu.)	Poster Session	522 Lobby, 5F	Tzu-Wei Kuo	The Improvement of Motion Blur with Fast Response Time VA