

2024 前瞻智慧互動實境顯示科技專案計畫期中成果交流論壇 議程

2024 Technical Forum on Special Research Program for Advanced Smart Displays

時間：2024 年 11 月 27 日(三) 下午 2:20-5:00。(下午 2:00 開始報到)

地點：台北南港展覽館 1 館/ 4F/ Room 404 會議室

(2024 OPTIC 會場，台北市南港區經貿二路 1 號)

本場論壇以現場演講進行，歡迎蒞臨到場參與。

Time/時間	Agenda Item/項目
14:00-14:20	Registration /報到時間
14:20-14:40	Opening Remarks/ 會議致詞 Speaker: Chung-Chih Wu, Professor of National Taiwan University/ 吳忠幟教授，國立臺灣大學
14:40-14:50	Topic: Low-Power High-Efficiency Power Management IC for uLEF Driver / 應用於 uLED 驅動器之低功耗高效能電源管理 IC Speaker: Ming-Yan Fan, Assistant Professor of National Cheng Kung University/ 范銘彥助理教授，國立成功大學
14:50-15:00	Topic: Advanced Packaging Technology Applied to Light-Emitting Diodes / 前瞻封裝技術應用於發光二極體 Speaker: Ting-Jen Hsueh, Professor of National Kaohsiung University of Science and Technology/ 薛丁仁教授，國立高雄科技大學
15:00-15:10	Topic: Research on Micro LED Color Purity and Light Emission Angle Control Speaker: Zhi-Ting Ye, Associate Professor of National Chung Cheng University/ 葉志庭副教授，國立中正大學
15:10-15:20	Topic: Light Field AR Display Technology for Smart Medicine/ 光場 AR 顯示技術及醫療保健應用 Speaker: Homer Chen, Distinguished Professor of National Taiwan University/ 陳宏銘 特聘教授，國立臺灣大學
15:20-15:30	Topic: Applications of Advanced Display Technologies in Immersive Theater/ 前瞻顯示在沈浸式劇場的運用 Speaker: Jin-Yao Lin, Assistant Professor of Tainan National University of the Arts/ 林經堯助理教授，國立臺南藝術大學

15:30-15:40	<p>Topic: Off-site Co-Performance with XR Displays Based on IoT and AI/ 基於物聯網與人工智慧的虛實顯示異地共演</p> <p>Speaker: He-Lin Luo, Associate Professor of Tainan National University of the Arts/ 羅禾淋副教授, 國立臺南藝術大學</p>
15:40-15:50	<p>Topic: Mixed-Reality Near-Eye Display - VHOE-based Light-Guide Device / 混合實境顯示器-體積全像式光導元件之研究</p> <p>Speaker: Shiuan-Huei Lin, Professor of National Yang Ming Chiao Tung University/ 林烜輝教授, 國立陽明交通大學</p>
15:50-16:00	<p>Topic: Field of View Expansion of a Near-Eye Display / 近眼顯示器之視角放大</p> <p>Speaker: Yeh-Wei Yu, Associate Professor of National Central University/ 余業緯副教授, 國立中央大學</p>
16:00-16:10	<p>Topic: Sensor Fusion for Smart Vehicle Perception/ 感知融合於智慧車輛感知</p> <p>Speaker: Yung-Yao Chen, Associate Professor of National Taiwan University of Science and Technology/ 陳永耀副教授, 國立台灣科技大學</p>
16:10-16:20	<p>Topic: AR-HUD Image Quality Measurement and Human Factors Evaluation/ AR-HUD 畫質量測與人因評估</p> <p>Speaker: Pei-Li Sun, Associate Professor of National Taiwan University of Science and Technology/ 孫沛立副教授, 國立台灣科技大學</p>
16:20-16:30	<p>Topic: Micro-LED Display Driver Design/ 微發光二極體顯示器驅動電路設計</p> <p>Speaker: Chih-Wen Lu, Professor of National Cheng Kung University/ 盧志文教授, 國立成功大學</p>
16:30-16:40	<p>Topic: Processing Bottlenecks and Feasible Solutions of MicroLED Displays/ MicroLED Display 相關之技術瓶頸與可行方案</p> <p>Speaker: Ray-Hua Horng, Chair Professor of National Yang Ming Chiao Tung University/ 洪瑞華講座教授, 國立陽明交通大學</p>
16:40-17:00	<p>Discussion and Question Session/ 交流討論</p>