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Universal Display to Highlight OLED Emissive Layer Advances for Display Efficiency and Performance at ICDT 2026

EWING, N.J.--(BUSINESS WIRE)-- [Universal Display Corporation](#) (UDC) (Nasdaq: OLED), a global leader in energy-efficient OLED technologies and materials, today announced its participation in and sponsorship of the [International Conference on Display Technology \(ICDT\) 2026](#), China's leading technical symposium and exhibition for displays. At ICDT, the Company will highlight its OLED emissive layer technology advances to drive OLED performance today and into the future. Hosted by the Society for Information Display (SID), ICDT 2026 will be held March 31 through April 3, 2026, in Chongqing, China.

As energy availability increasingly defines what is possible across consumer products—from brightness and battery life to greater device capabilities—display efficiency has become a critical enabler of innovation in the electronics ecosystem. Against this backdrop, UDC Principal Technologist Dr. Zhaoqun Zhou will deliver an invited technical presentation at ICDT on April 2, 2026, focusing on how PHOLED materials underpin advanced OLED system performance.

The presentation will share new analysis and recent advancements demonstrating how phosphorescence at the core of the emissive layer enables low-power-consumption OLED displays with excellent color performance and long operational lifetimes. These capabilities are increasingly important as OLED architectures continue to evolve. Dr. Zhou's talk will also examine how PHOLED materials support efficiency gains across a broad range of device designs, reinforcing their role in unlocking the next generation of OLED-based products.

ICDT 2026 marks the 10th anniversary of the conference, which has played an important role in fostering collaboration across China's OLED academic and industry community. In recognition of this milestone and its long-standing engagement with ICDT, UDC is a 2026 Gold-Level sponsor, and UDC Executive Vice President and Chief Technical Officer Dr. Julie Brown will be featured in the event's opening-ceremony video.

"We congratulate ICDT on 10 years of success, and we are proud to continue deepening our close collaboration and support of SID and the broader display ecosystem in China through this important display conference," said Steven V. Abramson, President and Chief Executive Officer of Universal Display Corporation. "As technology advances rapidly, AI proliferates, and displays play an even more central role in how people experience the world through their devices, energy efficiency is ever important. This moment presents an opportunity to accelerate collaboration and innovation across the display industry. Our presentation will address how our materials and technologies form the core of the OLED emissive layer and help drive efficiency across a wide range of device architectures, including single-stack OLED, tandem structures, PSF, and new pixel designs. From microdisplays for VR to smartphones and laptops through to large-screen televisions, high-efficiency OLEDs are unlocking new opportunities, and we believe they are foundational to the future of displays and consumer electronics."

Presentation Details

- Session 21: OLED Display – Architectures (OLEDs)
- Invited Presentation: From Exciton Harvesting to Photon Extraction: Solutions for High-Efficiency OLEDs
- Presenter: Dr. Zhaoqun Zhou, Principal Technologist
- Date & Time: Thursday, April 2, 2026, at 8:50 a.m. CST

About Universal Display Corporation

Universal Display Corporation (Nasdaq: OLED) is a leader in the research, development and commercialization of organic light emitting diode (OLED) technologies and materials for use in display and solid-state lighting applications. Founded in 1994 and with subsidiaries and offices around the world, the Company currently owns, exclusively licenses or has the sole right to sublicense more than 7,000 patents issued and pending worldwide. Universal Display licenses its proprietary technologies, including its breakthrough high-efficiency UniversalPHOLED® phosphorescent OLED technology that can enable the development of energy-efficient and eco-friendly displays and solid-state lighting. The Company also develops and offers high-quality, state-of-the-art UniversalPHOLED materials that are recognized as key ingredients in the fabrication of OLEDs with peak performance. In addition, Universal Display delivers innovative and customized solutions to its clients and partners through technology transfer, collaborative technology development and on-site training. To learn more about Universal Display Corporation, please visit <https://oled.com/>.

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