

# iMiD 2024

The 24th International Meeting on Information Display  
August 20-23, 2024 / ICC Jeju, Jeju, Korea

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<b>Session Title:</b>	<b>63. AI &amp; Computational Technologies IV</b>
<b>Session Date:</b>	<b>August 23 (Fri.), 2024</b>
<b>Session Time:</b>	<b>13:10-14:15</b>
<b>Session Room:</b>	<b>Room G (401)</b>
<b>Chair(s):</b>	<b>Mr. Hoilim Kim (Samsung Display Co., Ltd., Korea) Dr. Shaun Kwak (Schrodinger, USA)</b>

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**[G63-1] [Invited] 13:10-13:35**

## **Physics-Informed Design of Display Materials Enabled by Digital Chemistry**

H. Shaun Kwak, Hadi Abroshan, Anand Chandrasekaran, Paul Winget, Thomas F. Hughes, Steven Dajnowicz, and Mathew D. Halls (Schrodinger, Inc., USA)

**[G63-2] 13:35-13:50**

## **Nondestructive Sheet Resistance Prediction of Silver Nanowire Transparent Electrode Using Convolutional Neural Network**

Yewon Han, Ildoo kim (Konkuk Univ, Korea), Kyung-Tae Kang (KITECH, Korea), and Kunsik An (Konkuk Univ., Korea)

**[G63-3] [Invited] 13:50-14:15**

## **Leveraging Generative AI for OLED Material Innovation**

Jaebeom Han, Kwan Skinner (Dassault Systèmes, USA), Sabine Schweitzer (DS Deutschland GmbH, Germany), and Lalitha Subramanian (Dassault Systèmes, USA)