



## H. Display and Imaging Technologies 분과

2019년 2월 14일(목), 09:00-10:30

Room H (루비1+2, 5층)

**[TH1-H] Image Engineering & Touch Sensor**

좌장: 권혁인 교수(중앙대학교), 오누리 교수(한양대학교)

<p><b>TH1-H-1</b> 09:00-09:30</p>	<p><b>[초청]</b> <b>Development of Next-Generation Touch Sensors &amp; Automobile Windshield Heaters based on Hybrid Transparent Conductive Materials</b> Woo-Seok Cheong<sup>1,2</sup> <i><sup>1</sup>Electronics and Telecommunications Research Institute,</i> <i><sup>2</sup>University of Science and Technology</i></p>
<p><b>TH1-H-2</b> 09:30-09:45</p>	<p><b>Image Temporal Noise Improvement Using the Thin Gate Oxide Source Follower in a Pixel</b> Man-Lyun Ha, Minkyu Kang, YongChan Kim, and Juil Lee <i>CIS Process Development Team, DB HiTek</i></p>
<p><b>TH1-H-3</b> 09:45-10:00</p>	<p><b>Vivid Reflective Color Pixel Using Active Metamaterial Based Fabry-Perot Absorber</b> Soo-Jung Kim<sup>1</sup>, Heon Lee<sup>1</sup>, and Sung-Hoon Hong<sup>2</sup> <i><sup>1</sup>Department of Materials Science and Engineering, Korea University,</i> <i><sup>2</sup>ICT Materials &amp; Components Research Laboratory, ETRI</i></p>
<p><b>TH1-H-4</b> 10:00-10:15</p>	<p><b>Capacitive Heart-Rate Sensing on Touch Screen Panel with Laterally Interspaced Electrodes</b> Junhyung Kim<sup>1</sup>, Sungchul Jung<sup>2</sup>, Wonho Song<sup>2</sup>, Kyuhyung Mo<sup>2</sup>, Yuna Kim<sup>3</sup>, Wonsang Park<sup>3</sup>, Bonghyun You<sup>3</sup>, and Kibog Park<sup>1,2</sup> <i><sup>1</sup>School of Electrical and Computer Engineering, UNIST, <sup>2</sup>Department of Physics, UNIST,</i> <i><sup>3</sup>Samsung Display Giheung Campus</i></p>
<p><b>TH1-H-5</b> 10:15-10:30</p>	<p><b>Analysis of OLED SPICE Models with Constant or Voltage-Dependent Components</b> Yunyeong Choi<sup>1</sup>, Jisun Park<sup>1</sup>, Miryeon Kim<sup>2</sup>, and Hyungsoon Shin<sup>1</sup> <i><sup>1</sup>Department of Electronic and Electrical Engineering, Ewha Womans University,</i> <i><sup>2</sup>LG Science Park, LG Display Co., Ltd</i></p>