

Session 20

20. Device Physics & Engineering II

Wednesday, October 12, 2011 / 16:50 ~ 18:45

Room 302

Chairs: Jeong-Ik Lee (ETRI, Korea)

Andreas Haldi (NOVALED AG, Germany)

- 16:50 ~ 17:15 20-1 [\[Invited\]](#) Advancements in PIN-OLED Stack Design for AM-OLED Displays Highlighting Inverted OLEDs for Easy n-Channel Backplane Integration**
Andreas Haldi, Qiang Huang, Oliver Langguth, Tobias Canzler, and Jan Birnstock (Novaled AG, Germany)
- 17:15 ~ 17:40 20-2 [\[Invited\]](#) Enhanced Charge Injection caused by Molecular Orientation at Organic/Organic Interface**
Toshinori Matsushima and Hideyuki Murata (Japan Advanced Inst. of Science and Tech., Japan)
- 17:40 ~ 18:05 20-3 [\[Invited\]](#) Molecular Orientation in Organic Light-Emitting Diodes**
Daisuke Yokoyama (Yamagata Univ., Japan)
- 18:05 ~ 18:25 20-4 A High Performance Inverted Bottom Emission OLED with Low Energy Barrier for Electron Injection between the Doped and Undoped Homojunctions**
Jeong-Hwan Lee (Seoul Nat'l Univ., Korea), Po-Sheng Wang (Nat'l Taiwan Univ., Taiwan), Hyung-Dol Park (Seoul Nat'l Univ., Korea), Chih-I Wu (Nat'l Taiwan Univ., Taiwan), and Jang-Joo Kim (Seoul Nat'l Univ., Korea)

The 11th International Meeting on Information Display

iMiD 2011

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**20-5 Universal Low Optimum Doping Concentration in
PHOLEDs by Managing Charge Transport Materials**

Chang Woo Seo and Jun Yeob Lee (Dankook Univ., Korea)