

ICIS2010 Outstanding Paper Award Winners List

Oral Presentation Session

#15 Emissive Semi-Interpenetrating Polymer Network for OLED Displays, *Lihua Zhao, Zhanglin Zhou, James Brug, Sity Lam, Gary Gibson and Richard Elder (Hewlett-Packard Company; USA)*

#16 Fingerprint Image Restoration Base on Image Fusion, *Yongqiang Wang, Zhicheng Yang, Zihui Li, and Xiaojing Xu (Ministry of Public Security; China)*

#19 Operations Modeling and Analysis of Commercial Print Services, *Jun Zeng, I-Jong Lin, and Tzipi Netz (Hewlett-Packard Co.; USA and Hewlett-Packard Indigo Ltd.; Israel)*

#26 Novel Digital Media with Electronic Inks, *Zhang-Lin Zhou¹, Jong-Souk Yeo², Jeff Mabeck², Gregg Combs², Dick Henze¹ and Tim Koch² (¹Hewlett-Packard Laboratories and ²Hewlett-Packard Company; USA)*

#27 Synthesis of Hyperbranched Polymeric Dyes Used in Ink-jet Ink, *Qinghua Meng, Deyin Huang, and Shaoyu Zheng (Shanghai Jiao Tong University; China)*

#42 Effect of Environmental Factors on Perception of Image Attributes, *M. J. Murdoch¹, M. van Etten¹, and I. E.J.Heynderickx^{1,2} (¹Philips Research Laboratories and ²Delft University of Technology; The Netherlands)*

#46 Exact Representation of Glyph Contours and Its Application in Text Vectorization, *Tao He, Jie Feng, and Bingfeng Zhou (Peking University; China)*

#51 Supramolecular Third-order Nonlinear Optical Switches Based on the Photo-controllable Assemblies of Phthalocyanines, *Zihui Chen and Fushi Zhang (Tsinghua University; China)*

#65 Creation of Luminescent Eu(III) Complex with Remarkably Sharp Emission Band for Achieving Novel Lasing Medium, *Kazuki Nakamura¹, Yasuchika Hasegawa², and Norihisa Kobayashi¹ (¹Chiba University and ²Nara Institute of Science and Technology; Japan)*

#109 The Design and Application of the Digital Printing Test Target, *Taolin Ma, Qun Zhan, and Xiaoyan Lu (Wuhan University; China)*

#114 Influence of Coating Paper Properties on Sharpness of Ink-jet Printing Image, *Jinglei Tai, Guangxue Chen, Qifeng Chen, and Baoling Tang (South China University of Technology; China)*

#142 Quality Assessment Method of Halftone Image Based on Structural Similarity, *Yaohua Yi, Yuchao Wu, Qiumei Yang, and Chao Kong (Wuhan University; China)*

#181 How Sensitive Are We to the Variation in “Reflection Optical Density?”, *Ari Kim¹, Youn Jin Kim², Hong- Suk Kim¹, and Seung Ok Park¹(¹Daejin university and ²Samsung Electronics Company; South Korea)*

#199 Preparation and Characterization of Microcapsules with Compact Wall Structure for Electrophoretic Displays , *Runying Dai, Peipei Yin, Sheng Liu, Gang Wu, and Hongzheng Chen (Zhejiang University; China)*

#243 Effect of Monomer Structures and Polymerization Temperature on Characteristics of Polymer Stabilized Isotropic Liquid Crystal, *Rui Li, Jinbao Guo, and Jie Wei (Beijing University of Chemical Technology; China)*

#250 Morphological Studies of a Dicholesteryl Compound Forming Glassy Liquid Crystal Behavior, *Xiaoming Dong, Jinbao Guo, and Jie Wei (Beijing University of Chemical Technology; China)*

#257 Imaging Performance of the Thermal CTP Plate, *An Yang, Weimin Zhang, and Jialing Pu (Beijing Institute of Graphic Communication; China)*

#261 Progress of Multi-Photon Polymerization toward Micro/Nanostereolithography, *Xianzi Dong, Feng Jin, Weiqiang Chen, Zhensheng Zhao and Xuanming Duan (Chinese Academy of Sciences; China)*

#263 A Vehicle License Plate Recognition Algorithm Using Bilateral Filter and Wavelet Transform, *Yao Li, Yan Hou, Zhenhua Chai, Hang Yang, Minying Zhang, Qi Li and Samuel H. Chang (Jilin University; China)*

#269 Novel Coumarin/Benzylidene Cyclopentanone Dyes for Two-Photon Polymerization, *Yuxia Zhao and Feipeng Wu (Chinese Academy of Sciences; China)*

Interactive Presentation Session

#3 An Integrated Education Using Photography, *Keiko SUZUKI, Nokazu AOKI, and Hiroyuki KOBAYASHI, Chiba University (Japan)*

#72 Quality Control of Newspaper Color Advertisements Using Color Patches Printed in the Newspaper, *Masaya Shibata¹, Nokazu Aoki², and Hiroyuki Kobayashi²; ¹ The Niiigata Nippo and ²Chiba University (Japan)*

#198 High-mobility Organic Field-effect Transistors Based on Soluble Small Molecules Dispersed Polymers, *Shogo Wakuta¹, Hideyuki Hatta¹, Masashi Yoshikawa¹, Takashi*

Nagase^{1,2}, Takashi Kobayashi^{1,2}, Masaaki Ikeda³, Kazuo Takimiya⁴, and Hiroyoshi Naito^{1,2}; ^{1,2} Osaka Prefecture University, ³ Functional Chemicals R&D Laboratories Nippon Kayaku Co., Ltd., And ⁴ Hiroshima University (Japan)

#246 Extracting the Regions of Cumulonimbi from Satellite Images, *Yoshinori OGAWA and Shigeru KITAKUBO, Nippon Institute of Technology (Japan)*

#247 A Study on Processing Fingerprint Images, *Zong-xuan WU and Shigeru KITAKUBO, Nippon Institute of Technology (Japan)*