

## Bongjoon Lee

Graduate Research Assistant, Department of Materials Science & Engineering, Carnegie Mellon University, Pittsburgh PA 15213. Phone: (412) 337-0955; E-mail: bongjoon@cmu.edu

### Professional Preparation

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|----------------------------|-----|---------------|
| Carnegie Mellon University | phD | 2012.9 -      |
| Seoul National University  | M.S | 2007.3-2009.2 |
| Seoul National University  | B.S | 2002.3-2007.2 |

### Appointments

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|-------------------|---|
| 2012/09 – present | Graduate Research Assistant, Department of Materials Science and Engineering, Carnegie Mellon University, Pittsburgh, PA 15213            |
| 2009/03 – 2012/07 | Researcher, Biomedical and neural interface research team, Organic Light Emitting Diode research team, ETRI, Daejeon, Korea               |
| 2007/03 – 2009/02 | Graduate Research Assistant, Teaching assistant, Department of Materials Science and Engineering, Seoul National University, Seoul, Korea |

### Research Interests

Filler Induced Modulation of Microstructure Evolution in Block Copolymer Blend Materials

### Publications

#### A Archival Papers

1. Bong Joon Lee, Hyo Jung Kim, Won ik Jeong, Jang-Joo Kim "A transparent conducting oxide as an efficient middle electrode for exible organic tandem solar cells", Sol. Energy. Mater. Sol. Cells 94, 542-546, 2010.
2. Nam Seob Baek, Yong Hee Kim, Young Hwan Han, Bong Joon Lee, Tae-Dong Kim, Sin-Tae Kim, Young-Seok Choi, Gook Hwa Kim, Myung-Ae Chung and Sang-Don Jung, "Facile Photopatterning of polyuorene for patterned neuronal networks" Soft Matter, 7, 10025-10031, 2011
3. Nam Seob Baek, Ji-Hyun Lee, Yong Hee Kim, Bong Joon Lee, Gook Hwa Kim, Ik-Hyun Kim, Myung-Ae Chung and Sang-Don Jung "Photopatterning of Cell-Adhesive-Modified Poly(ethyleneimine) for Guided Neuronal Growth" Langmuir, 27, 2717-2722, 2011
4. Bong Joon Lee, Yong Hee Kim, Nam Seob Baek, Young Hwan Han and Sang Don Jung "Nano-topography effect of titanium oxide nano-rods on neuronal cell growth", Journal of Biomedical Nanotechnology, Accepted

#### B Conference and Seminar Presentations

1. Bong Joon Lee, Nam seob Baek, Yong Hee Kim, Young Hwan Han and Sang Don Jung (2011), Poster session, 2011 IEEE NANOMED and International Conference on Bio-tronics, Jeju, Korea "Nano-topography effects of titanium oxide nano-rods on neuronal cell growth"
2. Bong Joon Lee, Hyo Jung Kim, Jang-Joo Kim Poster session, SPIE Optics + Photonics 2009, San Francisco, USA, Aug 2-6, 2009 "hybrid tandem solar cell with interfacial layer/IZO middle electrode"