

NANO KOREA 2020

July 1~3, KINTEX, Korea

Nahyoung Kim

Technical operations manager, Nanosys Inc.

Address: 233 S Hillview Dr. Milpitas, CA

Telephone: (+1)408-240-6700

E-mail: nkim@nanosysinc.com

Web: <http://www.nanosysinc.com>

Fax: (+1) 408-240-6900

Nationality: Republic of Korea

EDUCATION

University of Minnesota	Ph.D	Electrical Engineering	2009
Seoul National University	MS	Electrical Engineering	1998
Seoul National University	BS	Electrical Engineering	1996

PROFESSIONAL ACTIVITIES

- Technical Operations Manager, Nanosys, USA, April 2019 to present
- Senior Scientist, Nanosys, USA
- Principal Scientist, Samsung, Korea
- Adjunct Professor, ITT Tech, USA
- Research Scientist, St. Jude Medical, USA

AWARD AND HONORS

- Jang Yong Sil Award by Ministry of Science, ICT and future planning of Korea, 2013
- Presidential Award at Korea Fine Technology Contest by President of Korea, 2011
- Korea Technology Award by Ministry of Knowledge and Economy of Korea, 2010
- New Excellent Technology Award by Ministry of Trade, Industry and Energy of Korea, 2010

MAIN SCIENTIFIC PUBLICATION

- Quantum dot color conversion technology for next-generation display, IMID 2019
- QDEL: the next generation display technology, IMID 2019
- Quantum dots: the technology for future display, AIMCAL, 2019
- Quantum dots : Technology platform for future display, OLED Korea, 2019
- Quantum dot technology for future display, IMID 2018

RESEARCH INTERESTS

- Colloidal Quantum Dot synthesis and surface modification
- Quantum Dot Color conversion & Quantum dot Electroluminescence