

# The 4th International Workshop on LEDs and Solar Applications

March 30-31, 2016

Meijo University, room # H204

## March 30

12:30-13:40 Lunch

### Nitride Session #1 (Chair: S. Kamiyama)

14:00-14:10 Welcome address (Satoshi Kamiyama)

14:10-14:40 Tetsuya Takeuchi, Meijo University, Japan

“Current status of GaN-based vertical cavity surface emitting lasers”

14:40-15:10 Akira Yoshikawa, Meijo University, Japan

“High-sensitivity DUV photosensors

15:10-15:30 Coffee Break

### Nitride Session #2 (Chair: T. Takeuchi)

15:30-16:00 Ahmed Fadil, Technical University of Denmark, Denmark

“Electrically driven surface plasmon LEDs”

16:00-16:30 Bernard Gil, University of Montpellier II, France

"Optical properties of BN for UV emission”

16:40-17:30 Lab. Tour at Meijo University

18:00- Dinner

## March 31

### SiC session #1 (Chair: M. Iwaya)

- 9:00-9:30 Koichi Naniwae, EL-SEED Corp. and Meijo University Japan  
“White LED based on fluorescent SiC substrate for next generation lighting applications”
- 9:30-10:00 Yiyu Ou, Technical University of Denmark, Denmark  
“Efficiency enhancement of fluorescent SiC for white LED application”
- 10:00-10:30 Haiyan Ou, Technical University of Denmark, Denmark  
“Passivation of f-SiC and porous SiC”
- 10:30-10:50 Coffee Break

### SiC session #2 (Chair: K. Naniwae)

- 10:50-11:20 Jianwu Sun, Linköping University, Sweden  
“Solar driven water splitting using 3C-SiC as photoelectrode”
- 11:20-11:50 Mikael Syväjärvi, Linköping University, Sweden  
“Cubic SiC as a solar material: growth and properties”
- 11:50-12:20 Peter Wellmann, Erlangen University, Germany  
"Advances in homogeneous doping and bulk growth of 3C-SiC on SiC-on-Si templates"
- 12:20-12:30 Closing Remarks (Tetsuya Takeuchi)
- 12:30-14:00 Lunch