

Meijo-DTU workshop on research and development of light-emitting diodes

Date: 15th of March, 2013

Location: building 101, room 2, DTU

Program:

9:00~9:15	Introduction	Haiyan Ou, DTU
9:15~9:45	Light and LED lighting: Possible impact on our health	Paul Michael Petersen, DTU
9:45~10:15	Carrier recombination mechanism in fluorescent SiC	Prof. Satoshi Kamiyama, Meijo
10:15~10:45	Development of nitride based photosensors	Prof. Motoaki Iwaya, Meijo
10:45~11:00	Coffee break and discussion	
11:00~11:30	Internal quantum efficiency enhancement of GaInN/GaN multiple quantum wells by localized surface plasmon coupling	Dr. Daisuke Iida, Meijo
11:30~12:00	Plasmonic resonance tailoring for PL enhancement using arrayed Ag nanoparticles	Ahmed Fadil, DTU
12:00~12:30	Lattice coupled to waveguide for light emitting diode	Yuntian Chen, DTU
12:30~13:30	Lunch	
13:30~14:00	Growth of fluorescent SiC using PVT source	Mikael Syväjärvi, LiU and Peter Wellmann, Erlangen University
14:00~14:30	SIMS analysis of fluorescent SiC	Margareta Linnarsson, KTH
14:30~15:00	Nanodome structures on fluorescent SiC with enhanced light extraction	Yiyu Ou, LE APS
15:00~15:30	Maskless reactive ion etching of SiC	Aikaterini Argyraki, DTU
15:30~16:00	Coffee break and discussion	
16:00~16:30	New laboratory facilities for light source characterization	Anders Thorseth, DTU
16:30~17:00	CopenHybrid – Development of a CO ₂ neutral hybrid street lighting system for the Danish municipalities' illumination classes	Peter Behrensdorff Poulsen, DTU

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