

KAUST-KFUPM Solid-state Lighting Workshop 4
 April 21, 2015
 KFUPM Bldg. 20

Morning Session 1, Chair: M Alsunaidi		
8:30-9:00	Registration and Breakfast	
9:00-9:30	Opening short talks Dr. Ali Alshaikhi, EE Chair: Welcome Prof. Boon Ooi, TIC PI: Research Overview Prof. M Alsunaidi, TIC TL and Co-PI: Program Overview	
9:35-9:55	Prof. B Yilbas	Laser Surface Texturing and Surface Hydrophobicity
10:00-10:20	Prof. D Elhadj	Investigation of New Generation of Gallium Nitride Semiconductors for Photonic Applications
10:25-10:45	Dr. Jr-Hau He	Photon Management by Employing Nanostructures for Optoelectronics Devices

10:50-11:10 Break

Morning Session 2, Chair: Boon Ooi		
11:10-11:30	Prof. MA Gondal	Synthesis and PL studies of CdSe QDots Using Novel Pulsed Laser Ablation in Liquids Technique: A Potential Candidate for Fabrication of LEDs
11:35-11:55	Dr. Lain-Jong Li	Emerging Applications of CVD Transition Metal Dichalcogenides
12:00-12:20	Dr. JP Rojas	Stretching the Boundaries of Inorganic Materials: How to Build a 360° Camera

12:25-1:30 Lunch Break

Afternoon Session, Chair: Lance Li		
1:30-1:45	Dr. MZM Khan	Quantum-dash and Related Near-infrared Broadband Light Emitters
1:50-2:05	Dr. MS Alias	Integrated Gratings for Visible Light Emitters
2:10-2:25	Aditya Prabaswara	Micron-thick Light-Emitting Membranes
2:30-2:45	Ibrahim Dursun	True Green Amplified Spontaneous Emission in Perovskite Materials
2:50-3:00	Closing remarks	

3:00-3:30 Poster Session

Special Session: Thesis Defense		
3:30-4:15	Tri Susilo	Intermixing Effects on Emission Properties of Quantum Disk-in-nanowire LED Structure
4:15-5:00	Irfan Khan	Emission Characteristics of Quantum Disk-in-a-nanowire LEDs

5:00-6:00 Campus Walk

6:00-8:00 Dinner