

International Year of Light
2015

Two-day International Workshop on GaN-based LEDs and Laser Diodes



5-6 March, 2015



Organized and Hosted by

National Institute of Lasers & Optronics, Islamabad, Pakistan

Introduction

A two-day workshop on “**GaN-based Light Emitting Diodes (LEDs) and Laser Diodes**” is being organized at NILOP on 5-6 March, 2015 to celebrate “**The International Year of Light (IYL’ 2015)**”. The 2014 Nobel Prize in Physics has been awarded jointly to Isamu Akasaki, Hiroshi Amano, and Shuji Nakamura “for their invention of GaN-based blue light-emitting diodes”. Their work has enabled development of bright and energy-saving white light sources. This workshop will provide an overview of epi-materials and devices from design and simulation to growth, fabrication and characterization of GaN-based LEDs and Laser diodes structures using MBE and MOCVD. This is an excellent opportunity for researchers including students, faculty, engineers and scientists to learn, explore, and share the knowledge in this emerging field that span lighting, optoelectronics, green energy devices, and integrated photonics etc.

Participation

Doctoral students, MS/MPhil students, faculty members, scientist and engineers are highly encouraged to attend. Registration fee for faculty is Rs. 1000 and for students Rs. 500. The travel expenses should be requested by the prospective participants’ from their parent institutions. Boarding/ lodging will be provided to the selected outstation participants.

How to apply

Application form(s) can be downloaded from <http://www.pieas.edu.pk/events/workshop/gan2015/> and should be submitted before February 25, 2015. All participants are required to provide CNIC photocopy with application form(s).

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Dr. Ansar Parvez, Chairman, PAEC

Workshop Chairman

Dr. S. M. Javed Akhtar, Member Science, PAEC

Workshop Secretary

Dr. Mushtaq Ahmed, Director, NILOP

International Coordinator

Dr. M. Yasin Akhtar Raja, UNC-CLT, USA

Workshop Coordinator

Dr. Arshad Mahmood, NILOP

Speakers

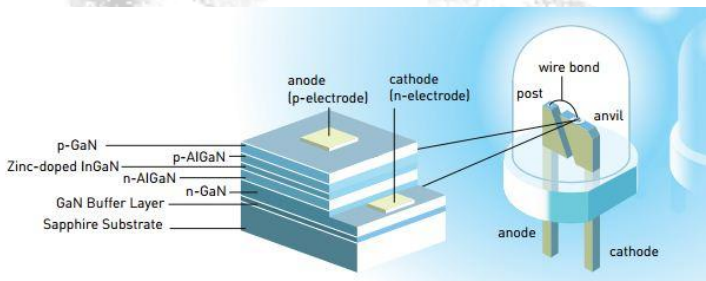
Dr. Ian Ferguson, MST, MI, USA
 Dr. M. Iqbal Chaudhry, Qorvo, NC, USA
 Dr. M. Yasin Akhtar Raja, UNC-CLT, USA
 Dr. M. Ashraf Gondal, KFUPM, SA
 Dr. Shahid Shaheen, FSU, USA
 Dr. M. Khizar Bhutta, Whirlpool, USA
 Dr. Arshad Mahmood, NILOP, Pakistan

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