



Organizing an

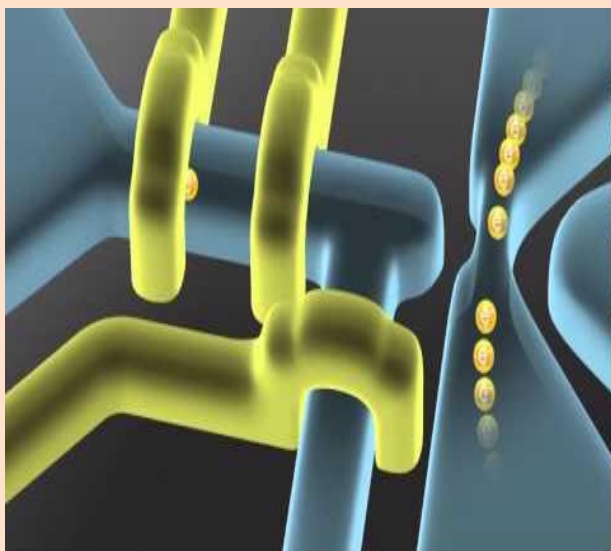
**International Workshop on 2D  
Materials and Quantum Effect  
Devices**

**03~05 March, 2020**

for young researchers, scientists, engineers,  
professionals and students

organized by

**Department of Physics and Applied  
Mathematics (DPAM)/ Center for  
Mathematical Sciences (CMS)**



## Scope

The 2D materials and quantum effect devices is a multidisciplinary workshop at PIEAS. It is devoted to fundamental and applied aspects of 2D materials (such as graphene, MoS<sub>2</sub>, WS<sub>2</sub>, MoSe<sub>2</sub>, etc.) and quantum effect devices. It will bring together the leaders of the field, young researchers and student to discuss the following topics:

- Growth and Characterization of 2D Materials
- Electrical and Optical Properties of 2D Materials
- Quantum Effect Devices
- Theory and Simulation Related to 2D Materials and Quantum Effect Devices
- Micro/Nanofabrication and Other Closely Related Topics



## Mailing Address

### Focal Person

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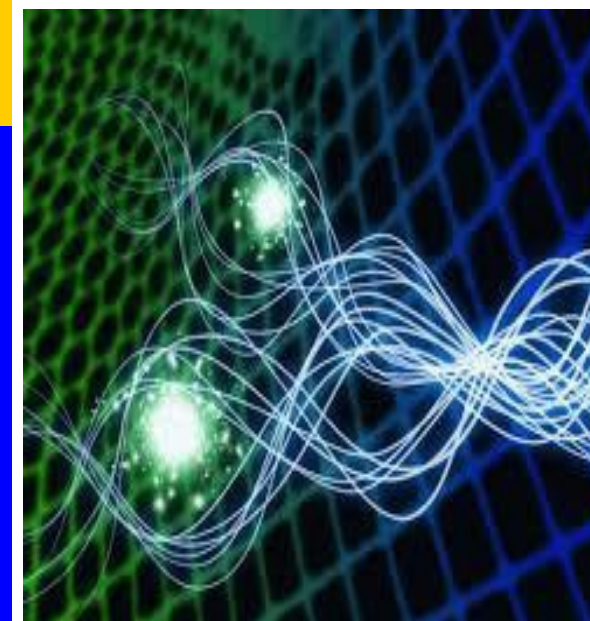
Website: [2dmqed.pieas.edu.pk](http://2dmqed.pieas.edu.pk)



## International Workshop on 2D Materials and Quantum Effect Devices

**03~05 March, 2020**

**Venue: PIEAS, Islamabad**



**Registration Deadline:**  
*February 16, 2020*

**Registration Fee:**  
Rs. 3000/- (for Professionals)  
Rs. 1500/- (for Students)

## Organizing Committee

### SECRETARY

Dr. Nadeem Shaukat, CMS, PIEAS

### COMMITTEE MEMEBERS

Dr. Shakeel ur Rehman

Dr. Muhammad Basim Kakakhel

Dr. Afshan Irshad

Dr. Shazia Bashir

Dr. Muhammad Tariq Siddique

Dr. Muhammad Asim Rasheed

Dr. Ahmat Khurshid

Dr. Muhammad Irfan

Dr. Muhammad Ali

Dr. Zaheer Asghar

Dr. Shafqat Hussain Shah

Mr. Muhammad Rafi

Mr. Junaid Ahmad

Mr. Matloob Hussain

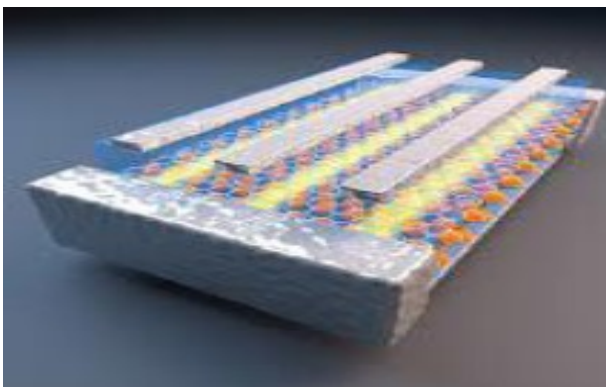
Ms. Amna Shahzadi

Ms. Misbah Batool

Ms. Maria Batool

Ms. Fizza Sidique

Ms. Arfa Jamil & Mr. Sajid Farid



## Resource Persons

### Patron

◇ Prof . Dr. Nasir Majid Mirza, Rector, PIEAS, Islamabad

◇ Prof. Dr. Mansoor H. Inayat, Pro-Rector, PIEAS, Islamabad

### Technical Committee

◇ Dr. Anila Usman, Dean Sciences

◇ Dr. Shahid Qamar, Director CMS

◇ Dr. M. Aftab Rafiq, Head, DPAM

◇ Dr. M. Yousuf Hamza, Prof. DPAM

### Foreign Speakers

◇ Prof. Zahid Ali Khan Durrani, Imperial College London, UK

◇ Prof. Shunri Oda, Tokyo Institute of Technology, Japan

◇ Prof. Mervyn Evan Jones, Imperial College London, UK

### Notable National Local Speakers

◇ Dr. Kashif Sabeeh, QAU, Islamabad

◇ Dr. Falak Sher, LUMS, Lahore

◇ Dr. Rubina Nasir, AU, Islamabad

◇ Dr. Altaf Karim, CUI, Islamabad

◇ Dr. Gul Rahman, QAU, Islamabad

◇ Dr. Amina Zafar, PINSTECH, Islamabad

◇ Dr. Shafqat Hussain Shah, PINSTECH, Islamabad

◇ Dr. Zaheer Iqbal, GIKI, Topi

◇ Dr. Faisal Shahzad, PIEAS, Islamabad

◇ Dr. Nisar Ahmad, PAEC, Islamabad

## International Workshop on 2D Materials and Quantum Effect Devices

**03~05 March, 2020**

**VENUE: PIEAS, ISLAMABAD**

### Registration/Nomination Form:

Name of the Applicant: \_\_\_\_\_

CNIC: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Institution/Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Permanent Address: \_\_\_\_\_

Phone (office): \_\_\_\_\_

Phone (Cell): \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Demand Draft/P.O. No.: \_\_\_\_\_

Drawn on (Bank): \_\_\_\_\_

Amounting to Rs.: \_\_\_\_\_

**Rs. 3000- per person (for Professionals)**

**Rs. 1500/- per person (for students)**

Registration form may also be filled online at the following link.

URL: [2dmqed.pieas.edu.pk](http://2dmqed.pieas.edu.pk)

The same can also be forwarded at the following email addresses

Prof. Dr. M. Aftab Rafiq

Email: [aftabrafiq@pieas.edu.pk](mailto:aftabrafiq@pieas.edu.pk)

Dr. Nadeem Shaukat

Email: [drnadeem\\_shaukat@pieas.edu.pk](mailto:drnadeem_shaukat@pieas.edu.pk)

(Photocopy of this form is also valid)