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## Patron

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Dr. Nasir Majeed Mirza, Rector, PIEAS  
Dr. Muhammad Ashraf Chaudry, President, PNS

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Dr. Tariq Majeed, Head DNE, PIEAS  
Dr. S. Shoaib Raza, CE, DNE, PIEAS

## Organizing Committee

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Dr. Khalid Waheed	<a href="mailto:khalidwaheed@pieas.edu.pk">khalidwaheed@pieas.edu.pk</a>
Dr. Masroor Ahmad	<a href="mailto:mahmad@pieas.edu.pk">mahmad@pieas.edu.pk</a>
Dr. Inamul Haq	<a href="mailto:inam@pieas.edu.pk">inam@pieas.edu.pk</a>
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## Contact Information

Please send filled form and CV to:

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**ISANE'19**

**October 17 - 18, 2019**

## Registration Fee

For International Presenter: \$ 50/-

For National Participant: Rs. 3000/-

For National Student : Rs. 2000/-  
(Participant/Presenter)

**Note:** The registration fee must be paid before or at the time of registration in the form of Cash / Bank Draft in favor of "**Director Finance, PIEAS, Nilore, Islamabad, Pakistan**"

- The registration fee is being charged to cover course material, tea, and lunch.

## Important Dates

Last Date for Abstract Submission:

**October 07, 2019**

Abstract Acceptance Notification:

**October 11, 2019**

Last Date for Online Registration:

**October 14, 2019**

Last Date for Full Paper Submission  
(Camera Ready)

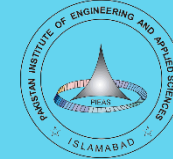
**October 14, 2019**

**Note:** Length of paper should not exceed six (6) typed pages (A4, font size 10 Arial, spacing 1.5).

**ISANE'19**

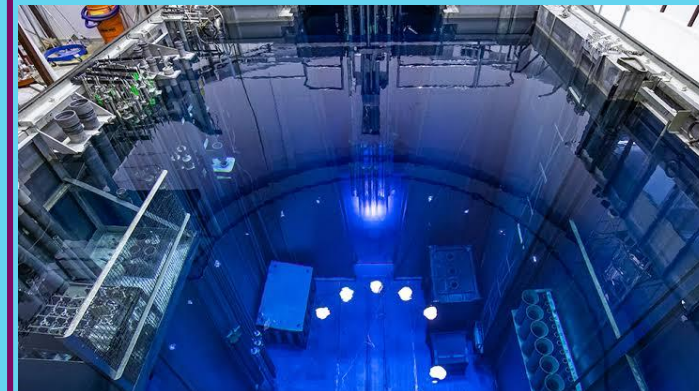
**October 17 - 18, 2019**

## International Symposium on Advances in Nuclear Engineering 2019



**ISANE'19**

**October 17-18, 2019**



**Department of Nuclear Engineering**

**Pakistan Institute of Engineering and Applied Sciences  
(PIEAS), P.O. Nilore, Islamabad**



**+92 51 9248611-20**

**URL: [dne.pieas.edu.pk](http://dne.pieas.edu.pk)**

## Background

Nuclear science and technology applications have become a reality in the fields of power, health and industry in the country due to the efforts of scientists and engineers of Pakistan Atomic Energy Commission since its initiation in late fifties. Today's Department of Nuclear Engineering (DNE) of PIEAS is the center oriented to achieve academic excellence in nuclear engineering and its allied disciplines. Since, Pakistan has embarked on nuclear power and the expansion of its fields to address the future resource for sustainable development. DNE, PIEAS initiated target-oriented collaborative research projects with other scientific organizations of the country.

## Scope of the Symposium

This symposium is going to cover all the topics related to Nuclear Engineering and would provide a forum where research activities of our MS students will be shared with the scientific and technical community at large.

The symposium topics include:

- *Core Neutronics*
- *Reactor Thermal Hydraulics and CFD*
- *Radioisotope Production & Applications*
- *Plasma/Fusion*
- *Reactor Design*
- *Radiation Interaction , Detection and Shielding*
- *Hazardous Air Pollutant Dispersion and Control*
- *Reactor Instrumentation and Control*
- *Probabilistic Safety Analysis*

ISANE'19

October 17 - 18, 2019

## Keynote Speakers

**Prof. Nahrul Khair Bin Alang MD. Rashid (Ph.D.)** is esteemed and renowned nuclear engineer. He got Ph.D. degree from University of New Mexico, Albuquerque, USA in 1992. Since 2016, he is serving as professor of nuclear engineering in Department of Energy Engineering, UTM Johor, Malaysia. He has also served as Deputy Director General (Research & Technology Development) in Malaysian Nuclear Agency, Bangi, Selangor D.E. from May 1995 – October 2008.

**Prof. Rafiziana MD. Kasmani (Ph.D.)** is Head of Energy and Engineering Department of UTM, Malaysia. She got Ph.D. degree in Nuclear Engineering from University of Leeds, UK in 2009. She has numerous publications in the field of Nuclear Science and Technology.

**Prof. Sang Hyun Park (Ph.D.)** is organic and medicinal chemist. He got Ph.D. degree from chemistry department, Stevens Institute of Technology, NJ, USA in 1996. Since 2001, he has been working for Korea Atomic Energy Research Institute as a principal investigator, and in 2009 he Joined University of Science and Technology as a professor.

**Prof. Woosung Choi (Ph.D.)** is Head of Bio-business Division and Director of Bio-Cluster Strategy & Planning. He got Ph.D. degree in Physiology from University of British Columbia, Canada in 2006. He has also served as Principal Researcher in Laboratory Animal Center, DGMIF, Daegu, South Korea from 2012-2015.

ISANE'19

October 17 - 18, 2019

## Application Form

Application No. \_\_\_\_\_

Symposium: \_\_\_\_\_

(For Official use only)

Photograph

Name: \_\_\_\_\_

Date of Birth: \_\_\_\_\_

Gender: \_\_\_\_\_ PIN \_\_\_\_\_

Passport No. / CNIC No. \_\_\_\_\_

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

Affiliation: \_\_\_\_\_

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

Tick correct category

Presenter  Participant  Student

Bank Draft No. \_\_\_\_\_

Amount: Rs. \_\_\_\_\_

Phone: \_\_\_\_\_

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

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

Applicant's Signature: \_\_\_\_\_

submission via email  
[haseeburrehman@pieas.edu.pk](mailto:haseeburrehman@pieas.edu.pk)

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