

NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY

The NED University of Engineering and Technology, is a public research university located in the urban area of Karachi, Sindh, Pakistan.

It is one of the oldest institution of higher learning in Pakistan and is noted for its strong emphasis on higher learning in science and technology.

It offers Bachelors, Masters and Doctoral degree programs.

The programs are aimed at preparing students to shoulder their professional

responsibilities and enable them to contribute in research and development in related fields. University is moving forward and making all efforts to develop an innovative team of researchers so to meet and fulfill the demand of industry.

OBJECTIVES

The modern era has witnessed rapid advancements in science & technology that rival, if not displace, traditional knowledge system represented by the fields of chemical, polymer, materials & energy. The impact of this advancement brings vital changes in countries socio-economic activities, so the modern manufacturing frames work resides permanently under the maximum synergy in materials-energy interactions. Further, progress in synthesis & experimental methods enables the design of multidimensional, multi-scale & multi-functional technological systems.

1st International Conference on Advance Materials & Process Engineering (AMPE-2015) was successfully organized by the NED University on December 14-15, 2015. Thirty Eight research papers were presented by the authors from various countries including Australia, Canada, South Africa, Malaysia and South Korea. Students from different universities also presented innovative projects at the conference.

In continuation of above the 1st International Conference on **Advance Materials & Process Engineering (AMPE-2015)** will be organized by the Department of Chemical and Polymer & petrochemical engineering NED University of engineering & technology on **Dec 12-13 2015**.

AMPE-2015 aims to provide a meeting ground for the experts engaged in the science and technology of energy and materials. The conference would encompass the emerging scenario in the energy sector with particular emphasis on the materials related issues. A special focus would be on the emerging techniques of modeling, simulation and experimental visualization relevant to the aforesaid domains.

AMPE-2017 is an international forum for the handshaking among the national and international experts and industry players providing a favorable time to exchange new ideas, developments and progress in other countries, exploring possibility of collaborative research, and to establish research relations and to find global partners for future research activities.



MAZAR - E - QUAID

Mazar-e-Quaid, also known as the Jinnah Mausoleum is the final resting place of Quaid-e-Azam (Great Leader) Muhammad Ali Jinnah, the founder of Pakistan, as well as his sister, Fatima Jinnah, and Liaquat Ali Khan, the first Prime Minister of Pakistan.

It is an iconic symbol of Karachi throughout the world. It is one of most favoured tourist destination of foreign tourists visiting Karachi



I.I. CHUNDRIGAR ROAD

Ibrahim Ismail Chundrigar Road aka

I. I. Chundrigar Road is the financial district of Karachi, Pakistan that is the center of Karachi's banking and financial institutions. It is the largest financial

district in the country and often termed as the "Wall Street of Pakistan".

Situated in the heart of Karachi, Sindh,

THEMES

- ▶ Nanotechnology for environment and energy.
- ▶ Renewable and Alternate Energy
- ▶ Heat Transfer Systems
- ▶ Polymer Nanocomposites
- ▶ High efficiency power storage systems (battery systems, fuel cells, super-capacitors, thermo electricity, solar cells, bio fuel)
- ▶ Sensors (Bio and Chemical)
- ▶ Nano Biotechnology.
- ▶ Process Modeling & Simulation.
- ▶ Chemical Processes.

ABOUT KARACHI

Karachi is the most populous metropolitan city of Pakistan and the 2nd-largest city in the world by population. It is the financial centre of the country. Karachi is also known as City of Lights mainly due to city's night life, for which it is famous as the city which never sleeps.

It is Pakistan's centre of banking, industry, economic activity and trade and is home to Pakistan's largest corporations, including those involved in textiles, shipping, automotive industry, entertainment, the arts, fashion, advertising, publishing, software development and medical research. The city is a hub of higher education in South Asia and the Muslim world.

The city is located on the Arabian Sea coastline. Most hotels, restaurants and many shops accept international credit cards. Pakistan standard time is Greenwich mean time (GMT) +5 hours.



KEYNOTE SPEAKERS

Prof. Dr. NahmKee Suk

(Professor and Director of R&D Education Center for Fuel Cell Materials and Systems, Chonbuk National University, South Korea.)

Prof. Dr. Florian Stadler

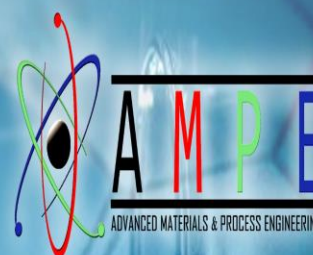
(Distinguished Professor College of Material Engineering Shenzhen University, China.)

Engr. Mauro Belloni

(CEO, Gibitre, Italy.)

ORGANIZING COMMITTEE

Prof. Dr. Muhammad Tufail	Convener
Prof. Dr. Kausar Ali Syed	Co-Convener
Prof. Dr. Inayat Ullah Memon	Co-Convener
Prof. Dr. Mubashir Ali Siddiqui	Member
Dr. Zahoor Ul Hussain	Secretary
Dr. Saud Hashmi	Member
Dr. Muhammad Sohail Hanif	Member
Dr. Rafiq Ahmed	Member
Dr. Ali Dad Chandio	Member
Dr. Fayaz Hussain	Member
Mr. Raza Muhammad Khan	Member
Mr. Sajid Muhat	Member



2nd INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS AND PROCESS ENGINEERING

12th & 13th December 2017

INSTRUCTIONS FOR ABSTRACTS

Abstracts must be typed and single spaced having a minimum length of 300 words with a maximum of two pages. Abstracts are required to be self-contained and organized to include objective, methodology, results and conclusions. It must contain presentation title, author's name, organization e-mails, phone & fax numbers.

RECOGNISED CPD ACTIVITY

This conference is a recognized activity for Continuing Professional Development (CPD) according to the rules of Pakistan Engineering Council (PEC). PEC will award credit points to participating engineers.

DEADLINES & REGISTRATION

IMPORTANT DATES

Paper Submission deadline	1st September, 2017
Paper Acceptance Notification	27th October, 2017
Registration Deadline	1st December 2017

REGISTRATION FEE

Authors/ Presenters	Gratis
Students	PKR 1000
General audience participation fee	PKR 3000

*All participants will get conference proceedings on DVD

TECHNICAL COMMITTEE

Dr. Tariq Shamim	Masdar Institute, UAE
Eur. Ing. Dr. Aymeric Girard	University of Adolfo Ibanez, Chile
Dr. Haroon Junaidi	University of Abertay, Dundee, UK
Dr. Tasneem Pervez	Sultan Qaboos University, Oman
Dr. Iqbal Ahmed	University of Malaysia, Pahang
Dr. Mubashir Ali Siddiqui	NED University of Engg. & Technology Pakistan

VENUE

NED UNIVERSITY auditorium

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For further details, kindly follow conference links below:
www.nedampe.com



ORGANISED BY

The Department of Chemical
&
Polymer & Petrochemical Engineering
12th & 13th December 2017
at NED University of Engineering & Technology
Karachi, Pakistan