

# INTERNATIONAL CONFERENCE ON 4<sup>TH</sup> INDUSTRIAL REVOLUTION



## IC4IR

International Conference on  
4<sup>th</sup> Industrial Revolution

1-2 August 2018 | Karachi Expo Centre

JOINTLY ORGANIZED BY



NED UNIVERSITY OF  
ENGINEERING AND TECHNOLOGY



[WWW.BADAREXPO.COM](http://WWW.BADAREXPO.COM)

9<sup>th</sup> **IEEEP** FAIR  
2018

31 July - 2 August, 2018  
Karachi Expo Centre - Pakistan





## ORGANIZER: BADAR EXPO SOLUTIONS (BXSS)

With more than 600 trade shows and exhibitions and over 300 national and international events of all sizes yearly, Badar Expo Solutions is headed towards taking all Pakistani industries to the height they have never been before. BXSS is regarded as one of the most reputed and reliable event management organizations in Pakistan.

Badar Expo Solutions offers a holistic and individual approach to each event. The company has nation-wide operations providing the widest range of services and owns an extensive variety of inventory. Whether it is trade & consumer fairs, conferences & seminars, product launches & opening ceremonies, PR activities or other social events, BXSS provides the best strategy to ensure the success of an event.



NED UNIVERSITY OF  
ENGINEERING AND TECHNOLOGY

## ORGANIZER: NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

NED University is one of the oldest engineering institutions in Pakistan. It offers Bachelors, Masters, and Doctoral degree programs. The programs are aimed at preparing students to shoulder the professional responsibilities and enable them to contribute to research and development in related fields. Various seminars and conferences are held every year which not only provide practical exposure to students but also a platform for academia-industry collaboration.

## COLLOCATED EVENT: IEEE FAIR 2018

IEEE Fair is Pakistan's leading international trade event, a platform for showcasing the next level of technology, products and service for the power industry, with dedicated product sectors for Industrial Automation, Power Generation, Transmission & Distribution, Solar Energy, Storage & Management Solutions. The event is spread over 4 halls with innovative technology and solutions from brands across the world, displaying the entire value chain of products under one roof. In addition to the above sectors, Net Metering, MicroGrid, Electrical Vehicles and Lighting Technology are the current focus of the show.

IEEE Fair 2018 is the 9th consecutive exhibition from the series of previously hosted successful events being jointly organized by Badar Expo Solutions and Institution of Electrical & Electronics Engineers Pakistan- IEEE Karachi Center.

## FIRST INTERNATIONAL CONFERENCE ON FOURTH INDUSTRIAL REVOLUTION (IC4IR)

Fourth Industrial Revolution combines the strength of optimized industrial manufacturing with a range of new technologies not only in the digital realm (such as artificial intelligence) but also in the physical realm (new materials and sensors), as well as the biological realm (bio-engineering). Industrial production these days is driven by global competition and the need for quick adaptation of production to the continuously changing market requirements. These requirements can only be met by thorough improvements in current manufacturing technology. Fourth Industrial Revolution describes the merger of digital and physical workflows. In production, this means that the physical production steps are accompanied by computer-based processes. It is about the integration of the business and manufacturing processes, as well as an integration of all stakeholders in the company's value chain. Fourth Industrial Revolution has opened new trends of automation, e-commerce, and cyber-physical systems. Internet of Things (IoT) has played a major role in the realization of Fourth Industrial Revolution by communicating and cooperating with humans in real time, collecting environmental and behavioral data, and making decisions autonomously, in order to provide required services.

The First International Conference on Fourth industrial revolution (IC4IR) will provide a platform for researchers and industry specialists to exchange their ideas and views about the growing fields that lead to Fourth Industrial Revolution. This conference will offer a great opportunity to the researchers to exchange new results and challenges about modern information and communication technologies, Internet of Things, Big Data and Cloud Computing. The conference will provide a platform for increasing productivity and cooperation within various industrial sectors and service providers. IC4IR is a joint event organized by NED University and Badar Expo and will be held at Expo Center Karachi.





## Conference Tracks

- IoT and Cyber-Physical Systems
- Distributed Computing
- Nanotechnology, Biosensors and Biochips
- Machine Intelligence
- Cyber Security and Ad hoc Networks
- Intelligent Autonomous Systems
- Data Analytics
- E-Commerce and Business Intelligence
- Robotics and Mechatronics
- Future Manufacturing
- Smart Cities and Smart Homes
- Bioinformatics, Scientific and Quantum Computing
- Fault-Tolerant and High-Performance Designs
- Signal Processing and Communication

## Paper Submission:

Prospective authors are invited to submit high-quality papers reporting original results under the broad theme of Fourth Industrial Revolution. Detailed guidelines on paper submission and conference program can be found at <http://cis.neduet.edu.pk/jc4ir>

## IMPORTANT DATES

### SUBMISSION DUE DATE

8<sup>th</sup> June 2018

### NOTIFICATION OF ACCEPTANCE DATE

20<sup>th</sup> June 2018

### FINAL PAPER SUBMISSION DATE

27<sup>th</sup> June 2018

### CONFERENCE DATES

1<sup>st</sup> and 2<sup>nd</sup> August 2018

## Sponsorship & Branding Opportunities

International Conference on Fourth Industrial Revolution (IC4IR) provides a unique platform which encourages open conversation between practitioner and solution-provider. It is a must-attend event for businesses which have services or solutions that would bring benefit to an audience of senior executives leading their organization's digital transformation. In consultation with our expert team, you can avail multiple sponsorship opportunities with a variety of activities that meet your specific business promotion needs:

- **Lead Sponsor (Exclusive Sponsor)**
- **Closing Session**
- **Lanyards**
- **Souvenirs**
- **Co-Sponsor (Multiple Supporting Sponsors)**
- **Plenary Panel Discussion Moderator**
- **Conference Kit**
- **Venue Branding**
- **Opening Session**
- **Plenary Speaking Slots**
- **Giveaways**
- **Hi Tea**
- **Lunch**

To find out more about the outstanding Conference Sponsorship and Exhibition opportunities:  
Contact us on +92300-2024364 ; +92322-9292916 or [info.ic4ir@badarexpo.com](mailto:info.ic4ir@badarexpo.com)

## Who Should Attend?

IC4IR will provide comprehensive technical program consisting of symposia, project demonstrations, industry panel discussions as well as key notes from renowned speakers from industry and academia. This conference will bring together industry professionals, academics, PhD students, researchers and individuals from government agencies and other institutions to exchange information and ideas on 4th Industrial Revolution.

## Highlights

- PhD Booth
- Keynote Sessions
- Panel Discussion
- Symposia

**Register  
Early & Save!**

PARTICIPANT	SUPER EARLY BIRD	EARLY BIRD	STANDARD FEE
	*Register & Pay before 31 <sup>st</sup> May 2018	*Register & Pay before 30 <sup>th</sup> June 2018	
Students (Limited seats)	1,000 PKR	1,500 PKR	2,000 PKR
Consultants/ Engineers/ Contractors	2,000	3,000	4,000
Vendors/Manufacturers/Service Providers	4,000	5,000	6,000

**Sponsors are entitled to 25% Discount on each Registration.**





NED UNIVERSITY OF  
ENGINEERING AND TECHNOLOGY

### Organizing Committee:

- Convener Prof. Dr. Saad Ahmed Qazi,  
Dean Faculty of Electrical and Computer Engineering,  
NED University
- Co-Convener Dr.-Ing. Shehzad Hasan,  
Chairman, Department of Computer and Information Systems Engineering,  
NED University
- Secretary Dr. Saneeha Ahmed,  
Assistant Professor, Department of Computer and Information Systems Engineering,  
NED University
- Deputy Secretary Dr. Majida Kazmi,  
Assistant Professor, Department of Computer and Information Systems Engineering,  
NED University

### For Paper Submission & Speaking Slot:

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### Organizing Committee:

- Conference Producer Iqra Aijaz
- Marketing Director Ehtesham Bari
- GM Sales Owais Lodhi (+92300-2024364)
- Project Head IEEE Fair Syed Faisal Ali (+92322-9292916)

### For Sponsorship & other queries:

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