

**MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY  
INTERNATIONAL MULTITOPIC CONFERENCE (IMTIC) 2018  
SCHEDULE**

(Details at [www.imtic.muet.edu.pk](http://www.imtic.muet.edu.pk))

DAY 1 (25-APRIL-2018 WEDNESDAY)						
S. NO.	TIME	EVENT				
		INAUGURAL SESSION				
1	8:00 AM	REGISTRATIONS				
2	9:00 AM	GUESTS TO BE SEATED				
3	9:30 AM	ARRIVAL OF THE CHIEF GUEST				
4	9:40 AM	RECITATION FROM HOLY QURAN				
5	9:45 AM	IMTIC'18 OVERVIEW BY PROF. DR. B.S. CHOWDHRY DEAN, FEECE & CHIEF ORGANIZER				
6	10:00 AM	WELCOME ADDRESS BY THE VICE CHANCELLOR				
7	10:15 AM	ADDRESS BY THE CHIEF GUEST				
8	10:30 AM	KEYNOTE ADDRESS BY DR. HIROYUKI SATO, THE UNIVERSITY OF TOKYO, JAPAN				
9	11:00 AM	MOVING TOWARDS INNOVATION AND ENTREPRENEURSHIP				
10	11:15 AM	VOTE OF THANKS BY DR. FAISAL KARIM SHAIKH, TPC CHAIR				
11	11:30 AM	CLOSING OF INAUGURAL SESSION + TEA BREAK				
12	12:00 PM	LECTURE HALL INVITED SPEAKER DR. FAISAL AHMED KHAN	CONFERENCE ROOM INVITED SPEAKER ENGR. IRFAN AHMED	CLASSROOM 5 INVITED SPEAKER DR. YASIR QADRI	TUTORIALS (AT DEPT. VENUES)	
	12:20 PM	TRACK 1 SESSION CHAIRS: DR. FAISAL AHMED KHAN, DR. NAEEM MAHOTO	TRACK 2 SESSION CHAIRS: ENGR. IRFAN AHMED, DR. ALI ASGHAR MEMON	TRACK 3 SESSION CHAIRS: DR. YASIR QADRI, DR. NIGHAT ARBAB		
13	12:20 PM	1	6	10		
	12:40 PM	2	7	11		
	1:00 PM	3	8	12		
	1:20 PM	4	9	13		
	1:40 PM	5		14		
14	2:00	LUNCH / PRAYER BREAK				
15	2:30 PM	KEYNOTE ADDRESS BY ROB REILLY, MIT, USA ( VENUE: LECTURE HALL)				
16	3:00 PM	LECTURE HALL INVITED SPEAKER DR. FOZIA IDRESS ABRO	CONFERENCE ROOM INVITED SPEAKER DR. ABDUL REHMAN MEMON	CLASSROOM 5 INVITED SPEAKER DR. KASHIF NISAR		TUTORIALS (AT DEPT. VENUES)
	3:20 PM	TRACK 4 SESSION CHAIRS: DR. FOZIA IDRESS ABRO DR. MOHSIN MEMON	TRACK 5 SESSION CHAIRS: DR. ABDUL REHMAN MEMON, DR. PERVEZ HAMEED SHAIKH	TRACK 6 SESSION CHAIRS: DR. KASHIF NISAR DR. NOORZAMAN LAGHARI		
17	3:20 PM	15	20	23		
	3:40 PM	16	21	24		
	4:00 PM	17	22	25		
	4:20 PM	18				
	4:40 PM	19				
18	5:00 PM	TEA				

**DAY 2 (26-APRIL-2018 THURSDAY)**

S. NO.	TIME	EVENT				
1	9:00 AM	KEYNOTE ADDRESS BY DR. B M A RAHMAN, CITY UNIVERSITY, LONDON				
2	9:30 AM	KEYNOTE ADDRESS BY DR. SAMIR M. EL-GHAZALY, UNIVERSITY OF ARKANSAS, USA				
3	10:00 AM	LECTURE HALL	CONFERENCE ROOM			
		INVITED TALK: DR. NADIA NAWAZ	INVITED TALK: DR. SAJID SHAIKH			
3	10:20 AM	TRACK 7	TRACK 8			
		SESSION CHAIRS: DR. NADIA NAWAZ QADRI DR. FAHEEM Y. KHUHAWAR	SESSION CHAIRS: DR. SAJID SHAIKH DR. ABDUL SATTAR LARIK			
4	10:20 AM	26	31			
	10:40 AM	27	32			
	11:00 AM	28	33			
	11:20 AM	29	34			
	11:40 AM	30				
5	12:00 PM	TEA BREAK				
6	12:00 PM	LECTURE HALL	CONFERENCE ROOM	CLASSROOM 5		
		INVITED TALK: DR. MUHAMMAD M. ALI	INVITED TALK: ENGR. IMAD MEMON	IEEE YP SESSION (IEEE MEMBERS ONLY)		
6	12.20 PM	SHORT PAPERS	SHORT PAPERS			
		SESSION CHAIRS: DR. MUHAMMAD M. ALI DR. SANIA BHATTI	SESSION CHAIRS: ENGR. IMAD MEMON DR. SAJJAD ALI MEMON			
7	1:30 PM	LUNCH/PRAYER BREAK				
8	2:00 PM	LECTURE HALL	CENTRAL LIBRARY	CLASSROOM 6	CLASSROOM 5	DEPT. VENUES
		PANEL DISCUSSION PAKCOM: HOW COMMUNICATION NETWORKS CAN REVOLUTIONIZE PAKISTAN  Panelists: Dr. Samir M. El-Ghazaly, Dr. Hiroyuki Sato, Dr. Javier Poncela, Engr. Imad Memon, Dr. Syed Ali Hassan, Dr. Usman Ghani Moderator: Dr. Faisal K Shaikh	POSTER SESSION	PHD SYMPOSIUM	IEEE EXCOM MEETING (CLOSED SESSION)	TUTORIALS
9	4.00 PM	TEA				
10	8.00 PM	CONFERENCE BANQUET (SPECIAL INVITATION ONLY)				

TUTORIALS (AT DEPT. VENUES)

TUTORIALS

PARALLEL TECHNICAL SESSION AT MUET ZAB CAMPUS ( 26<sup>TH</sup> APRIL 2018)

TIME	EVENT
9 AM - 11 AM	<b>INNOVATION AND ENTREPRENEURSHIP SESSION</b> <b>Speakers</b> 1. ENGR. RIAZ AHMED SHAIKH, IEC, MUET 2. MR. ABID ALI MAKWAL, CFC 3. AAMIR ALL, IEC MUET
11 AM - 11:30 AM	<b>TEA</b>
11:30 AM - 1:30 PM	<b>ICT TECHNICAL SESSION</b> <b>Speakers</b> 1. DR. MOHD SHAFRY BIN MOHD RAHIM, UTM, MALAYSIA 2. DR. KASHIF NISAR, UNIVERSITY MALAYSIA SABAH, KOTA KINABALU SABAH, MALAYSIA 3. DR BHAGWANDAS, PhD (UTHM) MALAYSIA
1:30 PM	<b>LUNCH</b>

DAY 3 (27-APRIL-2018 FRIDAY)		
S. NO.	TIME	EVENT
1	9:00 AM	KEYNOTE ADDRESS BY DR. TARIQ MASOOD, QATAR PETROLEUM, BAHRAIN
2	9:30 AM	KEYNOTE ADDRESS BY DR. MOHD SHAFRY MOHD RAHIM, UTM, MALAYSIA
3	10:00 AM	KEYNOTE ADDRESS DR. LORENZO LUINI, POLITECNICO DI MILANO, ITALY
4	10:20 AM	CONCLUDING SESSION
5	10:50 PM	APPRECIATION SHIELDS
6	11:20 PM	CONFERENCE RECOMMENDATIONS
7	12:20 PM	HIGH TEA

## TUTORIALS

25<sup>th</sup> April 2018 - 11 am to 4 pm

S. NO.	SPEAKER	TITLE	VENUE
1	Dr. Tariq Masood, Qatar Petroleum, Bahrain	"SMART SOLUTION: against the persisting problems to maintain sustainable secure and efficient power system operations at SELECTED Electric Power Grid"	Main Building (Senate Hall)
2	Engr. Zeeshan Ali, University of Naples, Italy	"Satellite Communications and Global Navigation Satellite Systems (GNSS) based Navigation"	Telecommunication Engineering Department
3	Dr. Isma Farah Siddiqui, MUET	"Semantic Technologies and Linked Data Meet Web of Things"	Software Engineering Department

26<sup>th</sup> April 2018 - 10 am to 3 pm

S. NO.	SPEAKER	TITLE	VENUE
1	Dr. Muhammad Usman Ghani, KICS, UET, Lahore	"Automatic Surveillance System for Video Streams"	Computer Systems Engineering Department
2	Dr. Syed Ali Hassan, NUST	"Cooperative communications for Wireless Sensor and next Generation Networks"	Telecommunication Engineering Department
3	Dr. Irfan Ahmed Halepoto, MUET	"Industrial Internet of Things (IIOT) based SCADA System for sustainable future"	Electronic Engineering Department
4	Dr. Naeem Ahmed Mahoto / Samiullah Shah, MUET	"Python on Data Science and Machine Learning"	Software Engineering Department

## TRACKS

### TRACK 1: Big Data Management

S. No.	Paper ID	Authors	Paper Title
1.	116	Muqaddas Gull, Arshi Pervaiz and Saira Moin U Din	Customer Behavior Analysis Towards Online Shopping using Data Mining
2.	141	Muhammad Bux Alvi, Naeem Ahmed Mahoto, Majdah Alvi, Mukhtiar A. Unar and M. Akram Shaikh	Hybrid Classification Model for Twitter Data - A Recursive Preprocessing Approach
3.	151	Eman Javed, Naeem Ahmed Mahoto, Vijdan Khalique and Mohsin Ali Memon	Exploring Role of Social Media Usage Towards Academic Activities of Students
4.	153	Naeem Ahmed Mahoto, Sehar Gul Khan and Sadaquat Ali Ruk	A Lexicon-based Method to Determine Subjectivity of Unstructured Data
5.	196	Abdul Rehman Azam, Gulraiz Khan, Aiman Siddiqi, Hafiz Abdullah Khan and Usman Ghani Khan	Modified Texture Features from Histogram and Gray Level Co-occurrence Matrix of Facial Data for Ethnicity Detection

### TRACK 2: Smart Grid

S. No.	Paper ID	Authors	Paper Title
6.	64	Shoaib Ahmed Shaikh, Asif Raza Solangi, Aizaz Ali Soomro, Kundan Kumar and Shubash Kumar	Short Circuit Analysis & Over current Relaying Coordination of IEEE 9-Bus System
7.	101	Ubaid Ur Rehman and Muhammad Riaz	Feasibility of the Smart Grid Implementation for Better Load Management in Pakistan
8.	159	Sundas Shafiq, Nadeem Javaid and Sheraz Aslam	Optimal power flow control in a smart micro-grid using bird swarm algorithm
9.	171	Muhammad Usman Khalid, Nadeem Javaid and Sheraz Aslam	A Game Theoretic-based Approach for Appliances Scheduling with Real-time Coordination in Smart Grid

### TRACK 3: Machine learning

S. No.	Paper ID	Authors	Paper Title
10.	47	Mehwish Leghari, Shahzad Memon, Farhan Sahito, Asghar Chandio and Mehjabeen Leghari	Biometric Verification Enhancement with Ensemble Learning Classifiers
11.	145	Mirza Tahir Ahmad, Dr. Muhammad Asif, Joshua A. Marshall and Michael Greenspan	Robust Apple Segmentation using Fuzzy Logic
12.	160	Aqib Jamil, Nadeem Javaid and Sheraz Aslam	An Efficient Home Energy Optimization by Using Meta-heuristic Techniques While Incorporating Game-theoretic Approach for Real-time Coordination Among Home Appliances
13.	85	Muhammad Ahmed Raza, Awais Rehman, Ijaz Mansoor Qureshi and Muhammad Habib Mahmood	A Simplified approach to Visual Odometry using Graph Cut RANSAC
14.	93	Rafey Rasheed Maher, Attiya Baqai and Maria Jan	Cost Effective Frame Work for implementing Elementary Education for Visually Impaired

**TRACK 4: Software**

S. No.	Paper ID	Authors	Paper Title
15.	211	L.L. Dhirani, T. Newe, B.S. Chowdhry, S. Nizamani	Hybrid Cloud Computing Quality of Service Glitches
16.	113	Amna Shaikh, Naeem Ahmed Mahoto, Salahuddin Saddar and Mutiullah Shaikh	A Technique for Detection of Violating Property among UML/OCL Class Diagram
17.	156	Areej Fatemah Meghji, Naeem Ahmed Mahoto, Mukhtiar Ali Unar and Muhammad Akram Shaikh	Analysis of Student Performance using EDM Methods
18.	178	Aamir Wali, Zain Haider, Ali Faraz, Rabia Fazal and Hammad Hussain	Enabling Programming for the Quadriplegic
19.	109	Sikandar Ali, Hongqi Li, Muhammad Faisal Abrar and Muhammad Yaseen	A Systematic Literature Review of Critical Barriers to Software Outsourcing Partnership Formation

**TRACK 5: Energy Management**

S. No.	Paper ID	Authors	Paper Title
20.	1	Saba Ejaz, Dr. Muhammad Aamir, Engr. Muhammad Asif Khan and Babar Ashfaq	Modeling and Analysis of CPEC Energy Power Projects Using LEAP Model
21.	22	Mafaz Ahmad and Aqib Khan	A Study of State Feedback controllers for Pole Placement
22.	124	Ubaid Ur Rehman	Design and Simulations of Backstepping Based Non-linear Control for MPPT in PV Systems

**TRACK 6: Robotics and UAVs**

S. No.	Paper ID	Authors	Paper Title
23.	114	Muhammad Uzair Hassan, Zeashan Khan, Hassam Iqbal and Inam Ullah	Real time Control of a Robot using Electrooculogram based Eye Tracking System
24.	170	Asadullah Butt, Dr. Syed Irtiza Ali Shah and Qasim Zaheer	Weapon Launch System Design of Anti-Terrorist UAV
25.	209	Muhammad Khan	On the Performance of Flying Ad Hoc Networks (FANETs) with Directional Antennas

**TRACK 7: PakCom**

S. No.	Paper ID	Authors	Paper Title
26.	9	Rabia Iftikhar, Dr. Mohsin Memon, Prof. Tahseen Hafiz and Rabeea Jaffri	A Novel framework for location based messages
27.	12	Pireh Pirzada, Neil White and Adriana Wilde	Sensors in Smart Homes for Independent Living of Elderly
28.	33	Ali Akbar Shah, Bhawani Shankar Chowdhry, Intizar Tunio and Jawaid Daudpoto	Transient Structural health monitoring of The Test Bridges Using Finite Element Method
29.	148	Asad Riaz, Muhammad Kamran Shereen and Shafaat Ullah	Design and SAR Analysis of a Compact Multiband Handset Antenna for UMTS/HSPA+2100 MHz and 2.4 GHz ISM-Band standards for Cellular Applications
30.	201	Manzoor Ali, Muhammad Shafi and Umar Farooq	Muslims Prayer Activity Recognition using Smartphones Triaxial Accelerometer

**TRACK 8: Power Electronics**

S. No.	Paper ID	Authors	Paper Title
31.	45	Abdul Majeed Khaskheli, Mukhtiar Ahmed Mahar, Abdul Sattar Larik and Shafquat Hussain Bhellar	Power quality improvement in power system network using unified power flow controller
32.	46	Rajesh Kumar, Pawan Kumar, Rooh Ul Amin Shaikh, Bhawani Shankar Chowdhry and Bhagwan Das	Optimal Rotor Pole Study of Outward Rotor.Switched Flux Permanent Magnet Machine for Downhole Application
33.	59	Samra Ishaq, Faisal Khan, Naseer Ahmad, Abdur Rashid and Lutf Ur Rahman	Performance Comparison of Single Phase Wound Field Flux Switching Machine
34.	207	Faraz Ahmad, Aziz Ahmad Haider, Muhammad Hassan Naveed, Atay Mustafa and Irshad Ahmad	Multiple Input Multiple Output DC to DC Converter