

16	Mr. Syed M. Haroon Rashid	ISPA University of Karachi	Member
17	Dr. Muhammad Ali	Sindh Madressatul Islam University, Karachi	Member
18	Dr. Salman Zubair	Department of Geography University of Karachi	Member
19	Dr. Akbar Ali Jilani	ISPA University of Karachi	Member
20	Mr. Farooque Ahmed Abro	ISPA University of Karachi	Member
21	Mr. Mamnoon Akhtar	Department of Applied Physics, University of Karachi	Member
22	Mr. M. Ashiq Mughal	ISPA University of Karachi	Member Member

### ADVISORY COMMITTEE

S. No.	Members Name	Institution / Organization
01	Prof. Dr. Jawaid Quamar	Iqra University, Karachi
02	Mr. Imran Iqbal	Member, Space & Research Applications, SUPARCO, Karachi
03	Prof. Dr. Muhammad Shahid Qureshi	ISPA <i>University of Karachi</i>
04	Prof. Dr. Syed Jamil H. Kazmi	Department of Geography, University of Karachi
05	Prof. Dr. Badar M. Khan Ghauri	Institute of Space Technology, Karachi
06	Dr. Syed Nazeer Alam	PNEC, NUST, Karachi

### SCIENTIFIC COMMITTEE

S. No.	Members Name	Institution / Organization
01	Prof. Dr. M. Rashid Kamal Ansari	Sir Syed University of Engg. & Technology, Karachi
02	Prof. Dr. M. Ayub Khan Yousufzai	ISPA University of Karachi
03	Dr. Zaheeruddin	Department of Physics, University of Karachi
04	Dr. Khan Alam	Peshawar University, Peshawar
05	Dr. Khurram Iqbal	FUUAST, Karachi

### IMPORTANT DATES

Deadline for submission of Abstracts:	<b>Sep. 25, 2017</b>
Acceptance of Abstracts:	<b>Sep. 29, 2017</b>
Last date for Early Bird Registration:	<b>Sep. 25, 2017</b>
Last date for Standard Registration:	<b>Oct. 05, 2017</b>

(No Onsite Registration)

Venue: Arts & Social Sciences Auditorium,  
University of Karachi



## 5<sup>TH</sup> NATIONAL CONFERENCE ON SPACE SCIENCE & TECHNOLOGY (NCSST-2017)

**WORLD SPACE WEEK 2017**

“Exploring New Worlds in Space”

**October 9-10, 2017**



Organized by  
INSTITUTE OF SPACE AND PLANETARY  
ASTROPHYSICS (ISPA)  
UNIVERSITY OF KARACHI  
KARACHI, PAKISTAN

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## About ISPA, University of Karachi

The main objective of the institute is to promote Space Science Education in Pakistan. And to carry out research in the fields of Space Science & Technology. The institute has collaboration with Pakistan Space Agency SUPARCO, Swinburne University of Technology, Australia and School of Marine and Atmospheric Science, Stony Brook University, NY, USA.

ISPA is offering admission to B.Sc. (Hons.), M.Sc., M.Phil. and Ph.D. programs in Space Science and Technology. These programs provide a broader background for understanding linkages between Space Science, Engineering and Technology. Our academic programs are multi-disciplinary program which include Electronics, Digital Signal Processing, Communication Systems, Satellite Communication, Global Navigation Satellite System, Aero-Space Science, Computational Astronomy, Computer programming and Remote Sensing & GIS.

## 5<sup>th</sup> National Conference on Space Science & Tec., 2017

### THEME & OBJECTIVES

The Institute of Space and Planetary Astrophysics, University of Karachi is organizing 5<sup>th</sup> National Conference on Space Science & Technology on October 9-10, 2017. This conference is being organized in collaboration with SUPARCO & HEC. This conference will also be a contribution towards the World Space Week 2017. The main theme of the conference is “Exploring New Worlds in Space”. The objective of the Conference is to provide a forum for discussion and implementation of the Space Science in Pakistan. The aim of the Conference is to provide senior and young scientists with a possibility to communicate and present their scientific work in the fields of Space Science & Technology.

### CONFERENCE TOPICS

- \* Astronomy / Radio Astronomy
- \* Astrophysics
- \* Cosmology
- \* Aerospace Science / CFD
- \* Satellite Communication / GNSS
- \* Space Antennas
- \* Space Technology & Industry
- \* Flight Dynamics

- \* Space Plasma / Ionospheric Physics
- \* Remote Sensing & GIS
- \* Climate Change
- \* Solar System & Extrasolar Planets
- \* Space-Biology
- \* Atmospheric Sciences
- \* Renewable Energy
- \* Environmental Sciences / Natural Hazards
- \* Physical Oceanography

### CALL FOR PAPERS

Participants should submit an abstract of one page or maximum 500 words, including topic, key words, e-mail address, address of the institute, methodology and results, by **September 25, 2017**.

### INVITED GUEST SPEAKERS

S. No.	Resource Persons Name	Institution / Organization
01	<b>Prof. Dr. Asghar Qadir (S.I., H.I)</b>	School of Natural Sciences, NUST, Islamabad
02	<b>Dr. Hafeez Hoorani</b>	National Centre for Physics, Islamabad
03	<b>Prof. Dr. Hamid Saleem</b>	Department of Space Science, Institute of Space Technology, Islamabad
04	<b>Prof. Dr. M. Sharif (T.I)</b>	Department of Mathematics, University of Punjab, Lahore
05	<b>Dr. Ihtzaz Qamar</b>	Former Member of KRL, Islamabad
06	<b>Dr. Zahida Ehsan</b>	Department of Physics, COMSTECH Information Technology, Lahore
07	<b>Dr. Najam Abbas Naqvi</b>	Institute of Space Technology, Islamabad
08	<b>Dr. Khan Alam</b>	Institute of Physics & Electronics, University of Peshawar, Peshawar
09	<b>Dr. Gulzar Khan</b>	Department of Physics, Abdul Wali Khan University, Mardan, KPK
10	<b>Dr. Nouman Qureshi</b>	Department of Physics, GC University Lahore
11	<b>Dr. Muhammad Shahid</b>	Department of Physics, Women University, AJK
12	<b>Dr. Arsaalan Ahmed</b>	IBA Sukkar

## CONFERENCE SECRETARIAT

S. No.	Members Name	Institution / Organization	Designation
01	<b>Prof. Dr. Muhammad Ajmal Khan Khan</b>	Vice Chancellor, University of Karachi	Patron In-Chief
02	<b>Prof. Dr. Tasneem Adam Ali</b>	Dean, Faculty of Science, University of Karachi	Chairperson
03	<b>Prof. Dr. Muhammad Jawed Iqbal</b>	Director, ISPA, University of Karachi	Convener / Principal Organizer
04	<b>Dr. Mirza Jawwad Baig</b>	ISPA University of Karachi	Secretary
05	<b>Mr. Fayyaz ur Rasheed</b>	ISPA University of Karachi	Joint Secretary
06	<b>Mr. Faisal Afridi</b>	ISPA University of Karachi	Assistant Secretary
07	<b>Mr. Syed Faisal-ur-Rehman</b>	ISPA University of Karachi	Assistant Secretary
08	<b>Ms. Hira Fatima</b>	ISPA University of Karachi	Assistant Secretary
09	<b>Mr. Ghulam Murtaza</b>	SUPARCO, Karachi	Member
10	<b>Dr. Intikhab Ulfath</b>	Department of Physics, University of Karachi	Member
11	<b>Dr. Sadiq Ali Khan</b>	Department of Computer Science, University of Karachi	Member
12	<b>Dr. Najeeb Alam Khan</b>	Department of Mathematics, University of Karachi	Member
13	<b>Dr. Zahida Yasmin</b>	COMSAT, Lahore	Member
14	<b>Mr. M. Anas Qureshi</b>	ISPA University of Karachi	Member
15	<b>Dr. Khan Alam</b>	University of Peshawar, Peshawar	Member