



The Abdus Salam  
**International Centre  
for Theoretical Physics**



Activity SMR: **2689**

# **Asian Regional School on FPGA Design for Scientific Instrumentation**

7 December 2015 - 18 December 2015  
Jamshoro - PAKISTAN

**Mehran University of Engineering and Technology**

**Total Number of Visitors: 56**

**Final List of Participants**

No.	NAME and INSTITUTE	Nationality	Function
<b>DIRECTOR</b>		<b>Total number in this function: 5</b>	
1.	<b>CHOWDHRY Bhawani Shankar</b> Research Field :  Research Topic :  Permanent Institute: Department of Electronics, Telecommunication & Biomedical Engineering Institute of Information Technology Mehran University of Engineering and Technology Sindh Jamshoro 76062 PAKISTAN Permanent Institute e mail c.bhawani@ieee.org	PAKISTAN	<b>LOCAL ORGANIZER</b>
2.	<b>CICUTTIN Andres</b> Research Field :  Research Topic :  Permanent Institute: ICTP Multidisciplinary Laboratory Via Beirut 31 (34100) Trieste ITALY Permanent Institute e mail cicuttin@ictp.it	ITALY	<b>DIRECTOR</b>
3.	<b>CRESPO Maria Liz</b> Research Field :  Research Topic :  Permanent Institute: ICTP Multidisciplinary Laboratory Via Beirut 31 (34100) Trieste ITALY Permanent Institute e mail mcrespo@ictp.it	ARGENTINA	<b>DIRECTOR</b>

No.	NAME and INSTITUTE	Nationality	Function
4.	<p><b>MEMON Tayab Din</b>            Research Field : <b>FPGA, VHDL, EMBEDDED SYSTEMS AND DSP</b>             Research Topic : <b>EMBEDDED SYSTEMS, DSP ALGORITHMS, AND HARDWARE ANA</b></p> <p>Permanent Institute:            Department of Electronic Engineering            Mehran University of Engineering and Technology MUET            Jamshoro            Sindh            PAKISTAN            Permanent Institute e mail   tayabuddin.memon@faculty.mueta.edu.pk</p>	PAKISTAN	<b>LOCAL ORGANIZER</b>
5.	<p><b>UQAILI Muhammad Aslam</b>            Research Field :             Research Topic :</p> <p>Permanent Institute:            MUET            Jamshoro Road            Jamshoro 76062            Sindh            PAKISTAN            Permanent Institute e mail   vc@admin.mueta.edu.pk</p>	PAKISTAN	<b>DIRECTOR</b>

No.	NAME and INSTITUTE	Nationality	Function
<b>LECTURER</b>		<b>Total number in this function: 9</b>	
6.	<b>ABDALLAH Nizar</b> Research Field :  Research Topic :  Permanent Institute: Software and System Engineering SoC Products, Microsemi 2061 Stierlin Ct. Mountain View 94043 CA UNITED STATES OF AMERICA Permanent Institute e mail Nizar.Abdallah@microsemi.com	FRANCE	<b>LECTURER</b>
7.	<b>BECKETT Paul</b> Research Field :  Research Topic :  Permanent Institute: Electrical and Computer Engineering Science, Engineering and Health RMIT University Melburne AUSTRALIA Permanent Institute e mail pbeckett@rmit.edu.au	AUSTRALIA	<b>LECTURER</b>
8.	<b>BONACINI Sandro</b> Research Field :  Research Topic :  Permanent Institute: Centre for European Research for Nuclear Research CERN Meyrin 1211 Geneva SWITZERLAND Permanent Institute e mail sandro.bonacini@gmail.com	ITALY	<b>LECTURER</b>

No.	NAME and INSTITUTE	Nationality	Function
9.	<p><b>KALWAR Imtaiz Hussain</b></p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>Biomedical Engineering, Faculty of Electrical, Electronics and Computer Science Engineering, Mehran University of Engineering &amp; Technology Indus Highway Jamshoro 76062 Sindh PAKISTAN</p> <p>Permanent Institute e mail    <a href="mailto:imtiazhussain@faculty.muet.edu.pk">imtiazhussain@faculty.muet.edu.pk</a></p>	PAKISTAN	<b>LECTURER</b>
10.	<p><b>KUMAR Wanod</b></p> <p>Research Field : <b>WIRELESS COMMUNICATIONS</b></p> <p>Research Topic : <b>INTERNET OF THINGS, HETEROGENOUS NETWORKS</b></p> <p>Permanent Institute:</p> <p>Department of Electronic Engineering Mehran University of Engineering and Technology Jamshoro 76062 Sindh PAKISTAN</p> <p>Permanent Institute e mail    <a href="mailto:wanod.kumar@faculty.muet.edu.pk">wanod.kumar@faculty.muet.edu.pk</a></p>	PAKISTAN	<b>LECTURER</b>
11.	<p><b>PARVEZ Hussain</b></p> <p>Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:</p> <p>Karachi Institute of Economics &amp; Technology (KIET) Pakistan Air Force (PAF) PAF Base Korangi Creek 75190 Karachi PAKISTAN</p> <p>Permanent Institute e mail    <a href="mailto:husain.parvez@pafkiet.edu.pk">husain.parvez@pafkiet.edu.pk</a></p>	PAKISTAN	<b>LECTURER</b>

No.	NAME and INSTITUTE	Nationality	Function
12.	<b>SISTERNA Cristian Alejandro</b>  Research Field : <b>INTELLIGENT SEISMIC INSTRUMENTATION,</b>  Research Topic : <b>RECONFIGURABLE HARDWARE IN FPGA, WSN</b>  Permanent Institute: Universidad Nacional de San Juan Instituto de Investigaciones Antisismicas Av. San Martin 1290 - Oeste 5400 San Juan ARGENTINA Permanent Institute e mail cristian@unsj.edu.ar	ARGENTINA	<b>LECTURER &amp; COORD.LAB.SESIONS</b>
13.	<b>UNAR Mukhtiar Ali</b>  Research Field :  Research Topic :  Permanent Institute: Mehran University of Engineering and Technology Dept. Computer Sys.Engineering Jamshoro PAKISTAN Permanent Institute e mail mukhtiar.unar@faculty.muet.edu.pk	PAKISTAN	<b>LECTURER</b>
14.	<b>ZAFAR Yousaf</b>  Research Field : <b>RECONFIGURABLE ASYNCHRONOUS PROCESSORS</b> Research Topic : <b>HIGH PERFORMANCE, LOW-POWER, FPGA ARCHITECTURES</b>  Permanent Institute: Instrumentation, Control and Computer Complex ICC Pakistan Atomic Energy Commission Plot # 11, Sufi Tabassum Road H-8/1 Islamabad 44000 PAKISTAN Permanent Institute e mail yzafar@paec.gov.pk,dr.yousaf_zafar@yahoo.com	PAKISTAN	<b>LECTURER</b>

No.	NAME and INSTITUTE	Nationality	Function
<b>SPEAKER</b>		<b>Total number in this function: 4</b>	
15.	<b>IRSHAD Aamir</b>	PAKISTAN	<b>SPEAKER AND INSTRUCTOR</b>
	Research Field : <b>UNCOOLED INFRARED IMAGING</b>		
	Research Topic : <b>SOC DESIGN USING FPGAS</b>		
	Permanent Institute: Optics Laboratories P.O. Box 1021 Nilore Islamabad PAKISTAN Permanent Institute e mail aamir.irshad@olatcop.com.pk		
16.	<b>KHASKHELI Shoab</b>	PAKISTAN	<b>SPEAKER AND INSTRUCTOR</b>
	Research Field :		
	Research Topic :		
	Permanent Institute: MUET Jamshoro Road Jamshoro 76062 Sindh PAKISTAN Permanent Institute e mail shoabn14@gmail.com		
17.	<b>MANNATUNGA Kasun Sameera</b>	SRI LANKA	<b>SPEAKER AND INSTRUCTOR</b>
	Research Field : <b>APPLIED ELECTRONICS</b>		
	Research Topic : <b>SCIENTIFIC INSTRUMENTATION, FPGA, EMBEDDED SYSTEMS, WIRELESS SENSOR</b>		
	Permanent Institute: University of Sri Jayewardenepura Faculty of Applied Science Department of Physics Gangodawila Nugegoda 10250 Western Province SRI LANKA Permanent Institute e mail ksm@sjp.ac.lk	Present institute: University of Moratuwa, Faculty of Engineering, Department of Electronics & Telecommunication Engineering Bandaranayake Mawatha Moratuwa 10400 Sri Lanka Present Institute e mail ksm@sjp.ac.lk Until when: <b>17 July 2018</b>	

No.	NAME and INSTITUTE	Nationality	Function
18.	<b>QAZI Hafeezullah</b>	PAKISTAN	<b>SPEAKER AND INSTRUCTOR</b>
	Research Field :		
	Research Topic :		
	Permanent Institute:		
	Marine Systems Pvt Limited MSL		
	Karachi		
	PAKISTAN		
	Permanent Institute e mail hafeezullahqazi@gmail.com		



No.	NAME and INSTITUTE	Nationality	Function
<b>PARTICIPANT</b>		<b>Total number in this function: 38</b>	
19.	<b>AHMED Hafiza Ayesha</b> Research Field : <b>DIGITAL SYSTEM DESIGN WITH FPGAS</b>  Research Topic : <b>SYSTEM ON CHIP USING FPGA</b>  Permanent Institute: Optics Laboratories 25 - Km, Lehtar Road, Nilore Islamabad 44000 Pakistan PAKISTAN Permanent Institute e mail ayeshaahmed_89@hotmail.com	PAKISTAN	<b>PARTICIPANT</b>
20.	<b>AHMED Umair</b> Research Field : <b>COMPUTER VISION</b>  Research Topic : <b>IMAGE AND SIGNAL PROCESSING</b>  Permanent Institute: Department of Applied Physics University of Karachi Main University Road Karachi 75270 PAKISTAN Permanent Institute e mail umair_ahmed403@yahoo.com	PAKISTAN	<b>PARTICIPANT</b>
21.	<b>ALI Imtiaz</b> Research Field : <b>COMPUTER SCIENCE</b>  Research Topic : <b>COMPUTER VISION APPLICATIONS</b>  Permanent Institute: Optics Labs 25 Km Lehtar Road Islamabad PAKISTAN Permanent Institute e mail engrimtiaz_ali@yahoo.com	PAKISTAN	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
22.	<p><b>ANNAMALAIKOTTAI PERIYASAMY Sakhivel</b>            Research Field : <b>VLSI SYSTEMS</b></p> <p>Research Topic : <b>VLSI TESTING AND VLSI ALGORITHMS</b></p> <p>Permanent Institute:            Anna University Chennai            Department of Electronics and Communication Engineering            Sardar Patel Road            Chennai 600025            Tamilnadu            INDIA            Permanent Institute e mail   psv@annauniv.edu</p>	INDIA	<b>PARTICIPANT</b>
23.	<p><b>ARBAZ ALI Arbelo</b>            Research Field : <b>CONTROL ENGINEERING LIKE FPGA</b></p> <p>Research Topic : <b>FPGA BASED ANALYSIS OF SINGLE-BIT RESONATOR</b></p> <p>Permanent Institute:            Hyderabad College of Science and Technology            Hyderabad affiliated with MUET            Plot#B-15,Block-1,Railway Cooperative Housing Society, Main            Autobhan road,latifabad            Hyderabad            Sindh            PAKISTAN            Permanent Institute e mail   arbaz_jalbani06@yahoo.com</p>	PAKISTAN	<b>PARTICIPANT</b>
24.	<p><b>ARSALAN Muhammad</b>            Research Field :</p> <p>Research Topic :</p> <p>Permanent Institute:            Payload Data Handling Division            Pakistan Space and Upper Atmosphere Research Commission            SUPARCO            Karachi            PAKISTAN            Permanent Institute e mail   m_arsal4@yahoo.com</p>	PAKISTAN	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
25.	<b>BASHIR Syed Muhammad Arsalan</b> Research Field :  Research Topic :  Permanent Institute: National Space Agency of Pakistan SUPARCO P.O. Box 8402 Karachi 75270 Sindh PAKISTAN Permanent Institute e mail smab1176@yahoo.com	PAKISTAN	<b>PARTICIPANT</b>
26.	<b>HAIDER Aqeel</b> Research Field : <b>DATA COMMUNICATION, DATA SCIENCE</b>  Research Topic : <b>HIGH SPEED DATA COMMUNICATION IN EMBEDDED SYSTEMS</b>  Permanent Institute: Optics Laboratories P.O 1021 Nilore Islamabad 44000 Pakistan PAKISTAN Permanent Institute e mail aqeelsial@paec.gov.pk	PAKISTAN	<b>PARTICIPANT</b>
27.	<b>HERATH Herath Mudiyanselage Prabhath Sanjeewa</b> Research Field : <b>SONOLUMINESCENCE, ELECTRONICS</b>  Research Topic : <b>SONOLUMINESCENCE, FPGA DESIGNING, MICROCONTROLLER</b>  Permanent Institute: INSTITUTE OF FUNDAMENTAL STUDIES Hantana Road, Kandy 20000 SRI LANKA Permanent Institute e mail prabhathsanjeewa@gmail.com	SRI LANKA	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
28.	<b>ISLAM Md Zahidul</b> Research Field : <b>COMPUTER VISION,MACHINE LEARNING,SIGNAL PROCESSING</b> Research Topic : <b>3D COMPUTER VISON, PARTICLE FILTER, IMAGING</b>  Permanent Institute: Islamic University Department of Information & Communication Engineering  7003 Kushtia BANGLADESH Permanent Institute e mail zahidimage@gmail.com	BANGLADESH	<b>PARTICIPANT</b>
29.	<b>ISNAINI Ismet</b> Research Field : <b>MEDICAL IMAGING,NUCLEAR INSTRUMENTATION</b> Research Topic : <b>PET,MCNP,BRACHYTHERAPHY,RADIATION/PORTAL MONITORING</b>  Permanent Institute: National Nuclear Energy Agency BATAN Indonesia Nuclear Facility Engineering Center PRFN Kawasan Puspipstek Serpong Gedung 71 Lt II Tangerang Selatan 15310 Banten INDONESIA Permanent Institute e mail ismeth@batan.go.id	INDONESIA	<b>PARTICIPANT</b>
30.	<b>JAN Tahir</b> Research Field : <b>GLOBAL NAVIGATION SATELLITE SYSTEMS</b>  Research Topic : <b>SOFTWARE RECEIVERS</b>  Permanent Institute: Space and Upper atmospheric Research Commision. SUPARCO headquarters, SUPARCO road, P.O.Box No 8402 Karachi 75270 Sind PAKISTAN Permanent Institute e mail tahirjan@msn.com	PAKISTAN	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
31.	<p><b>JUNEJO Murk</b>            Research Field : <b>N/A</b>             Research Topic : <b>N/A</b>             Permanent Institute:            Department of Electronic Engineering, FEECE, Mehran University            Of Engineering and Technology Jamshoro            jamshoro            Jamshoro 76062            Sindh            PAKISTAN            Permanent Institute e mail murkfaizjunejo@gmail.com</p>	PAKISTAN	<b>PARTICIPANT</b>
32.	<p><b>KHAN Fakhri Alam</b>            Research Field : <b>OPTICS</b>             Research Topic : <b>EMBEDDED SYSTEM(LASER AND OPTICS)</b>             Permanent Institute:            Optics labs P.O BOX1021,Nilore Islamabad            Nilore            Islamabad 44000            Pakistan            PAKISTAN            Permanent Institute e mail fakhr786@gmail.com</p>	PAKISTAN	<b>PARTICIPANT</b>
33.	<p><b>KHAN Mohammad Nabeel</b>            Research Field : <b>FPGA DESIGN</b>             Research Topic : <b>WIRELESS SENSOR NETWORKS, WIRELESS COMMUNICATION</b>             Permanent Institute:            ISRA UNIVERSITY, HYDERABAD            ISRA UNIVERSITY,HALA ROAD HYDERABAD            Hyderabad 71000            PAKISTAN            PAKISTAN            Permanent Institute e mail nabeel.khan@isra.edu.pk</p>	PAKISTAN	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
34.	<p><b>KHAN Muhammad Fahad</b>            Research Field : <b>EMBEDDED SYSTEMS BASED ON MICROELCTRONICS</b>            Research Topic : <b>HIGH POWERED MICROPROCESSORS</b></p> <p>Permanent Institute:            Optics Laboratories, Electronic R and D Section            Nilore            Islamabad 44000            Pakistan            PAKISTAN            Permanent Institute e mail fahadkhan159@googlemail.com</p>	PAKISTAN	<b>PARTICIPANT</b>
35.	<p><b>MALHI Chandar Kumar</b>            Research Field : <b>FPGA, SIGNAL PROCESSING</b>            Research Topic : <b>DIGITAL SIGNAL PROCESSING</b></p> <p>Permanent Institute:            Mehran university of engineering and technology            department electronics muet            Jamshoro 76060            sindh            PAKISTAN            Permanent Institute e mail chander.malhi@yahoo.com</p>	PAKISTAN	<b>PARTICIPANT</b>
36.	<p><b>MEMON Farida Begum</b>            Research Field : <b>FPGA</b>            Research Topic : <b>FPGA IMPLEMENTATION OF 3D SHAPE RECOVERY ALGORITHM</b></p> <p>Permanent Institute:            Mehran University of Engineering &amp; Technolohy            Jamshoro            Situated at near indus river            Jamshoro 760262            Sindh            PAKISTAN            Permanent Institute e mail memonfarida@yahoo.com</p>	PAKISTAN	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
37.	<p><b>MEMON Irshad</b>            Research Field : <b>ELECTRONICS ENGINEERING</b>             Research Topic : <b>ELECTRONICS,WIRELESS SENSOR NETWORKS,FPGA'S</b>             Permanent Institute:            Faculty of Engineering Science &amp; Technology            Department of Electrical Engineering            ISRA University            Hala Naka Road            Hyderabad 71000            Hyderabad            PAKISTAN            Permanent Institute e mail irshad.memon@isra.edu.pk</p>	PAKISTAN	<b>PARTICIPANT</b>
38.	<p><b>MEMON Shahzad Ahmed</b>            Research Field :             Research Topic :             Permanent Institute:            Institute of Information &amp; Communication Technology            University of Sindh            Jamshoro 76080            Sindh            PAKISTAN            Permanent Institute e mail shahzad.memon@usindh.edu.pk</p>	PAKISTAN	<b>PARTICIPANT</b>
39.	<p><b>MEMON Ubed Ur Rehman</b>            Research Field : <b>TELEMEDICINE</b>             Research Topic : <b>TELEMEDICINE IN CASE IF DISASTER</b>             Permanent Institute:            Department of Electronics Engineering, Mehran University of Engineering and Technology Jamshoro, Sindh, Pakistan.            MUET Jamshoro            Jamshoro 71000            Sindh, Pakistan            PAKISTAN            Permanent Institute e mail ur_memon@yahoo.com</p>	PAKISTAN	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
40.	<b>Mohsin Hayat</b> Research Field : <b>EMBEDDED SYSTEM DESIGNING USING FPGAS AND DSPS</b> Research Topic : <b>SYSTEM ON CHIP USING FPGAS AND ASICS</b>  Permanent Institute: Optics Laboratories PAEC Electronics R&D Division 25 Km Lehtrar Road Nilore Islamabad 44000 Pakistan PAKISTAN Permanent Institute e mail mohsin_qau@hotmail.com	PAKISTAN	<b>PARTICIPANT</b>
41.	<b>Muhammad Ali</b> Research Field : <b>DIGITAL DESIGNING USING FPGAS AND MICROCONTROLLERS</b> Research Topic : <b>SOCS BUILDING AND IMAGE PROCESSING USING FPGA</b>  Permanent Institute: Optics Laboratories 25-KM Lehtrar Road Nilore Islamabad 44000 Pakistan PAKISTAN Permanent Institute e mail m.ali.qaupk@gmail.com	PAKISTAN	<b>PARTICIPANT</b>
42.	<b>MUHAMMAD Asif</b> Research Field : <b>IMAGE PROCESSING, ROBOTICS AND CONTROL SYSTEM</b> Research Topic : <b>ROBOTICS AND CONTROL</b>  Permanent Institute: Electronic Engineering Department, Sir Syed University of Engineering and Technology University Road Karachi 75300 Sindh PAKISTAN Permanent Institute e mail asif.arif@gmail.com	PAKISTAN	<b>PARTICIPANT</b>



No.	NAME and INSTITUTE	Nationality	Function
43.	<p><b>NAREJO Erum Karim</b>            Research Field : <b>CONTROL SYSTEMS , INTERNET OF THINGS .</b>            Research Topic : <b>ELECTROMAGNETIC DISC BRAKING SYSTEM</b></p> <p>Permanent Institute:            Department of Electronic Engineering MUET, JAMSHORO            MUET ,jamshoro            Jamshoro            sindh            PAKISTAN            Permanent Institute e mail erum.karim@student.mueta.edu.pk</p>	PAKISTAN	<b>PARTICIPANT</b>
44.	<p><b>Nasir Ahmed</b>            Research Field : <b>IMAGE PROCESSING AND ANALYSIS</b>            Research Topic : <b>REAL TIME IMAGE PROCESSING</b></p> <p>Permanent Institute:            Optics Laboratories, PAEC, Islamabad            25-Km Letharar Road, Niore, Islamabad            Islamabad 1021            Federal            PAKISTAN            Permanent Institute e mail nasirahmed@pieas.edu.pk</p>	PAKISTAN	<b>PARTICIPANT</b>
45.	<p><b>NAYYAR Zeeshan Alam</b>            Research Field : <b>RENEWABLE ENERGY AND ENVIRONMENTAL STUDIES</b>            Research Topic : <b>ENERGY ESTIMATION AND INTEGRATION</b></p> <p>Permanent Institute:            Renewable Energy Research Group            Department of Applied Physics            University of Karachi            University Road            Karachi 75270            Sindh            PAKISTAN            Permanent Institute e mail zanayyer@uok.edu.pk</p>	PAKISTAN	<b>PARTICIPANT</b>

**30 September 2012**

No.	NAME and INSTITUTE	Nationality	Function
46.	<p><b>PATHAN Shahbaz</b>            Research Field : <b>ELECTRONICS ENGINEERING</b>            Research Topic : <b>FPGA'S</b></p> <p>Permanent Institute:            Mehran University of Engineering &amp; Technology Jamshoro.            Indus Hwy, Jamshoro            Jamshoro 76062            Sindh            PAKISTAN            Permanent Institute e mail qazishahbazali@gmail.com</p>	PAKISTAN	<p><b>PARTICIPANT</b></p> <p>qazishahbazali@gmail.com  <b>31 December 2015</b></p>
47.	<p><b>PERERA Muththanthirige Dilum Rukshan</b>            Research Field : <b>RECONFIGURABLE HARDWARE AND SENSOR NETWORK</b>            Research Topic : <b>WIRELESS SENSOR NETWORK, FPGA</b></p> <p>Permanent Institute:            Department of Statistics &amp; Computer Science            Faculty of Applied Science            University of Sri Jayewardenepura            Gangodawela            Nugegoda 10250            SRI LANKA            Permanent Institute e mail dilum@dscs.sjp.ac.lk</p>	SRI LANKA	<p><b>PARTICIPANT</b></p>
48.	<p><b>QAISER Syed Hameed</b>            Research Field : <b>REACTOR EXPERIMENTATION, DATA ACQUISITION,CONTROL</b>            Research Topic : <b>GAMMA RAY SCANNING</b></p> <p>Permanent Institute:            REDG, Nuclear Engineering Division NED            Pakistan Institute of Nuclear Science and Technology PINSTECH            P.O. Nilore            Islamabad            Fedral            PAKISTAN            Permanent Institute e mail h_qaiser@yahoo.com</p>	PAKISTAN	<p><b>PARTICIPANT</b></p>

No.	NAME and INSTITUTE	Nationality	Function
49.	<b>RIAZ Muhammad Faisal</b> Research Field : <b>EMBEDDED SYSTEMS</b>  Research Topic : <b>RECONFIGURABLE COMPUTING, DESIGN TECHNIQUES</b>  Permanent Institute: Department of Applied Physics University of Karachi University Road Karachi Sindh PAKISTAN Permanent Institute e mail    faisal.riaz@uok.edu.pk	PAKISTAN	<b>PARTICIPANT</b>
50.	<b>SHAIKH Nek Muhammad</b> Research Field : <b>ASTROPHYSICS AND PLASMA SPECTROSCOPY</b>  Research Topic : <b>LASER INDUCED PLASMA SPECTROSCOPY</b>  Permanent Institute: University of Sindh Department of Physics 76080 Jamshoro Sindh PAKISTAN Permanent Institute e mail    neksheikh@yahoo.com	PAKISTAN	<b>PARTICIPANT</b>
51.	<b>SHEIKH Nirma</b> Research Field : <b>MECHATRONICS AND BIOMEDICAL ENGINEERING</b> Research Topic : <b>DESIGN AND DEVELOPMENT OF SMA FINGER EXOSKELETON</b>  Permanent Institute: Department of Biomedical Engineering Faculty of Electrical, Electronics and Computer System Engineering MUET Indus Hwy University Town Of Jamshoro 76062 Pakistan PAKISTAN Permanent Institute e mail    10bm03@student.muet.edu.pk	PAKISTAN	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
52.	<p><b>SYAKURA Abdan</b>            Research Field : <b>MEDICAL PHYSIC</b>             Research Topic : <b>EEG (ELECTROENCEPHALOGRAM)</b>             Permanent Institute:            University of Indonesia            Faculty of Mathematics and Natural Sciences, Department of Physics instrumentation            Departemen Fisika Gedung F, Fakultas MIPA Kampus UI Depok,            Jawa Barat, Indonesia Depok            Jawa Barat 16424            Depok            INDONESIA            Permanent Institute e mail abdan.syakura11@ui.ac.id</p>	INDONESIA	<b>PARTICIPANT</b>
53.	<p><b>TALPUR Shahnawaz</b>            Research Field : <b>HIGH PERFORMANCE COMPUTING</b>             Research Topic : <b>COMPUTER ARCHITECTURE, CMP, NOC</b>             Permanent Institute:            Mehran University of Engineering &amp; Technology, Jamshoro,Sindh,            Pakistan            Dept. Computer Systems Engineering            Jamshoro 71000            Sindh            PAKISTAN            Permanent Institute e mail shahnawaz.talpur@faculty.muet.edu.pk</p>	PAKISTAN	<b>PARTICIPANT</b>
54.	<p><b>THAHEEM Fahad Ali</b>            Research Field : <b>ROBOTICS</b>             Research Topic : <b>ROBOTICS BASED ON FPGA</b>             Permanent Institute:            Faculty of Electronics, Mehran University of Engineering and Technology.            Indus Highway, Jamshoro            Jamshoro            Sindh            PAKISTAN            Permanent Institute e mail fahad.13esmuet@gmail.com</p>	PAKISTAN	<b>PARTICIPANT</b>

No.	NAME and INSTITUTE	Nationality	Function
55.	<b>YASIR ZAHEEN Muhammad</b> Research Field :  Research Topic :  Permanent Institute: Electronic Engineering Department, Sir Syed University of Engineering and Technology University Road Karachi 75300 Sindh PAKISTAN Permanent Institute e mail myasir@ssuet.edu.pk	PAKISTAN	<b>PARTICIPANT</b>
56.	<b>ZAFAR Hima</b> Research Field : <b>SPACE TECHNOLOGY</b>  Research Topic : <b>NANO TECHNOLOGY</b>  Permanent Institute: Mehran University Of Engineering And Technology, Faculty of IT,Electronics Mehran University of Engineering & Technology, Indus Hwy, Jamshoro Jamshoro 76062 Sindh PAKISTAN Permanent Institute e mail himazafar12@muet.edu.pk	PAKISTAN	<b>PARTICIPANT</b>