

# THE 33<sup>RD</sup> ANNUAL GENERAL MEETING AND CONFERENCE

of

*The Pakistan Society of Development  
Economists (PSDE)*

December 12-14, 2017

The Marriott

Islamabad



# 33<sup>RD</sup> ANNUAL GENERAL MEETING AND CONFERENCE



**Theme: *Redefining Prosperity Paths in Changing Global Economy:  
Opportunities and Challenges for Pakistan***

- Industrial development; Job creation, Special Economic Zones and Urban Development
- Quest for Prosperity; Indigenous Experiences, New Paradigms, Sustainability
- Innovation, Productivity and Economic Growth
- Impact of Fourth Industrial Revolution; Robotic Economy, Artificial Intelligence Economy, Carbon Fibers and others
- Agricultural Reforms; modernization and Agro-based Industrial development
- Financial Liberalization and Business Development
- Indigenous Economic Practices; sustainability and suitability
- Social Capital and Economic Growth: Tolerance, Harmony and Trust
- Macroeconomic policies in a changing global and local Landscape
- Brain and Brawn for Change; Academia-Economy Linkages
- Tapping the Regional Economic Integration; CPEC, ECO, SAARC, ASEAN

**Venue:** The Marriot, Islamabad

**Host:** Pakistan Institute of Development Economics (PIDE), Islamabad.

**Co-Hosts:** AKRSP, IFPRI, OXFAM, FES, HEC, ECOSF, CE-CPEC, ACIAR, ADB, UNDP, SBP, PD&R, BANK AL HABIB LTD., MEEZAN BANK

# Sponsors of the 33<sup>rd</sup> AGM & Conference of the PSDE



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## Message from the Patron



Sustained and inclusive economic growth is a key policy goal being pursued vigorously in Pakistan. Like every country around the world, Pakistan's economy has witnessed changes in its structures and processes. After a period of low growth, signs of a turnaround are clearly visible. There has been a broad based pick-up in economic growth in all major sectors including manufacturing, agriculture and services in the past Three years. The macroeconomic fundamentals have also significantly improved showing a stable macroeconomic environment with low fiscal deficit and inflation, stable exchange rates, and robust growth in public revenues. The international ratings agencies are optimistic about Pakistan's economic performance and are predicting Pakistan to emerge as one of the fast growing economies in the world.

Pakistan possesses fundamental advantages that can be harnessed to prepare the economy for establishing a major share in global economy. For a start, buoyant and potentially productive sectors in the economy of Pakistan have to be targeted. Industrial development played an important role in the economic growth of countries in East and South East Asia. Many European countries are expected to ride the tide of economic growth spurred by the Fourth Industrial Revolution (4IR) in the coming years.

In Pakistan, the launch of China Pakistan Economic Corridor (CPEC) has the potential to be the harbinger for accelerated industrial development. Over the years, Pakistan's manufacturing sector has grown at an average annual rate of about 5 percent despite significant challenges including the energy crisis and domestic security situation. This shows resilience of our entrepreneurs which is critical for sustaining the growth momentum. The fast growing middle class can serve as the backbone of the economy by providing the required services like transport and marketing. In addition, Pakistan has favorable demographics with a significant youth bulge in its population which has the potential to propel the economy into a high growth trajectory especially in Information Technology and knowledge based sectors. Finally, Pakistan has the advantage of a large diaspora that can play a pivotal role in providing technology, expertise, and investments for establishing new sectors that can generate sustained economic growth in the future. The challenge for Pakistan development planners is to put in place a reform framework to fully tap the potential drivers of growth and achieve a leading position in the global economy.

I appreciate the PSDE for continuing its tradition of organizing AGMs on regular basis to provide policy guidelines. I am confident that this year's conference will generate critical knowledge to provide informed policy options to tackle the economic challenges faced by Pakistan. I look forward to a fruitful and intellectually rewarding conference.

**Sartaj Aziz**  
Patron, PSDE  
Chancellor, PIDE and  
Deputy Chairman  
Planning Commission

## Message from the President



I am extremely pleased that the Pakistan Society of Development Economists is keeping its practice of organizing Annual General Meeting and Conference on key economic development issues confronting Pakistan. The PSDE relishes 33 years of path breaking convention of leading economists from around the world to analyze, debate and discuss the pressing economic issues. Since its beginning, this event has provided an apt forum to academicians and policymakers to contribute and guide the policy agenda through discussions and lectures.

The major economic powers of the world including the United States and European Union are facing structural issues including aging populations, growing debts, and weakening economic performance. Concurrently, China has overtaken Japan to become the second largest economy in the world and is expected to soon surpass the US economy in terms of the size of GDP. On the other hand, the global financial crisis has undermined the 'Washington Consensus' giving rise to a shift in policies that allow a greater role to the public sector in steering the national economies. The recent political developments in the United States and European Union are expected to further shift the balance of global economic power as these economies become more inward looking owing to domestic pressures. In view of rapid transformation of the global economic order, it is necessary for Pakistan to reposition itself in the world economy. Thus, we decided that the theme of this year's conference should be Redefining Prosperity Paths in Changing Global Economy; Opportunities and Challenges for Pakistan.

I am hopeful that this constellation of economists and scholars would generate a great opportunity to contribute significantly in the policy agenda and bring fruitful outcomes in the form of guidelines for the way forward.

**Asad Zaman**  
President, PSDE

### **Message from the Secretary**

The Pakistan Society of Development Economists (PSDE) is pleased to welcome the illustrious guests who have come to attend the 33<sup>rd</sup> Annual General Meeting and Conference (AGM). PSDE being the pioneer professional forum of Economists in Pakistan has been performing a number of academic and professional activities for more than three decades. The holding of AGM and Conference is an annual event to provide a consistent forum for policy debate and action oriented solutions. The meeting of prominent academics who are here from around the globe not only provides wisdom on critical development issues but also generate meaningful dialogue on economic policy.



I am pleased to have with us prominent scholars like Dr. Attur-Rahman, Dr. Asim Ijaz Khawaja, Dr. Nadeem-ul-Haque and Dr. Asad Zaman who will deliver distinguished lectures. Besides this, scholars from different national and international universities and regional think tanks have also joined us in this event and their debate and participation in panel discussions would provide a global perspective.

I would like to commend the efforts of my core team and auxiliary committees in planning and organizing the conference. The team has really worked hard to assemble together leading academics and policymakers on one platform. I would also acknowledge the support of our conference organizing partners who have helped us in terms of both material logistics and human resources.

I am hopeful that the three days conference will come up with useful policy prescriptions to enable Pakistan economy to reposition itself in the world economy.

**Ejaz Ghani**  
Secretary, PSDE

### **About The Pakistan Society of Development Economists (PSDE)**

The Pakistan Society of Development Economists was formed in 1982 by the eminent economists, research scholars and policy makers for the provision of an institutional forum for exchange of ideas in research and economic development. Since its establishment, it has widely contributed to create linkages between academicians and policy makers along with disseminating valuable research findings among scholars, public officials and policy makers dealing with social and economic issues. The society's current membership is around 1200 members, which includes Nobel Laureates, administrators, academicians, prominent researchers and students working in different continents of the world.

### **Objective**

The principal objective of the Society is to patronize the process of scientific inquiry in general and particularly Development Economics by providing a well-organized forum for exchange of ideas generated on various economic and social issues.

To achieve this objective the PSDE:

- Encourages research in Development Economics;
- Organizes seminars, conferences, and symposia;
- Collaborates in research with national and international organizations;
- Confers awards on scholars for outstanding contribution in general area of development Economics; and
- Performs all such acts, conducive to the attainment of the above mentioned objective.

### **33<sup>rd</sup> AGM Executive Council**

**Mr. Sartaj Aziz**

Patron, PSDE

Chancellor, PIDE

**Dr. Asad Zaman**

President, PSDE

Vice Chancellor, PIDE

**Dr. Ejaz Ghani**

Secretary, PSDE

Professor, PIDE

**Dr. Mahmood Khalid**

Co-Secretary, PSDE

Senior Research Economist, PIDE



**Mr. Adnan Akram**  
Joint Secretary, PSDE  
Research Economist, PIDE

**Ms. Saba Anwar**  
Joint Secretary, PSDE  
Research Economist, PIDE

**Ms. Fizzah Khalid Butt**  
Joint Secretary, PSDE  
Lecturer, PIDE

**Mr. Azizullah**  
Assistant Registrar, PSDE

#### **Contact**

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## Annual General Meeting and Conference of the PSDE— An Overview

The Annual General Meeting and Conference is a regular feature of the Pakistan Society of Development Economists since its establishment. This grand event offers an important platform to professional economists, development economists, research scholars, policy makers, businessmen and students to present their most relevant research findings and get on-spot feedback along with exchange of ideas on the pressing economic and social issues facing the world in general and Pakistan in particular.

### Highlights of the AGM & Conference:

- Distinguished lectures by eminent scholars including Nobel Laureates.

- Panel discussions by experts and policy-makers.

- Technical sessions featuring latest research interests of the community.

- Formal and informal interaction between researchers and policy makers.

PSDE has successfully organized 32 AGMs and conferences since 1984 in the themes listed below.

S. No	Themes of AGMs and Conferences	Date
1 <sup>st</sup> AGM	Changing Perspectives of Economic and Social Development in Pakistan	Mar 17-20, 1984
2 <sup>nd</sup> AGM	Economic Development and Social Change in Pakistan: Problems and Prospects	May 12-14, 1985
3 <sup>rd</sup> AGM	Pakistan's Development Experience: Social and Economic Dimensions	Aug 10-12, 1986
4 <sup>th</sup> AGM	Economic Development, Demographic Change and International Migration: Pakistan's Experience	Aug 1-3, 1987
5 <sup>th</sup> AGM	Growth, Employment and Human Capital Formation	Jan 4-6, 1989
6 <sup>th</sup> AGM	The Dynamics of Economic Development	Jan 8-10, 1990
7 <sup>th</sup> AGM	Economic Growth, Social Change, and Human Resource Development	Jan 8-10, 1991
8 <sup>th</sup> AGM	Changing Development Perspectives	Jan 7-9, 1992
9 <sup>th</sup> AGM	The Challenge of Socio-Economic Development	Jan 7-10, 1993
10 <sup>th</sup> AGM	Growth, Macro-economic Stability, and Sustainable Development	Apr 2-5, 1994
11 <sup>th</sup> AGM	The Dimensions of Economic Development	Apr 18-21, 1995
12 <sup>th</sup> AGM	Macroeconomic Adjustment in the Era of Globalization	Dec 14-16, 1996
13 <sup>th</sup> AGM	Pakistan at 50: The Development Experience	Dec 15-17, 1997
14 <sup>th</sup> AGM	Pakistan in the 21 <sup>st</sup> Century	Jan 28-31, 1999
15 <sup>th</sup> AGM	Governance, Institutional Reforms, and Economic Development	Nov 5-8, 1999

16 <sup>th</sup> AGM	Growth, Decentralization, and Poverty	Jan 22-24, 2001
17 <sup>th</sup> AGM	Debt, Growth, and Poverty	Jan 14-16, 2002
18 <sup>th</sup> AGM	Regulation, Competition, and Information	Jan 13-15, 2003
19 <sup>th</sup> AGM	Institutional Change, Growth, and Poverty	Jan 13-15, 2004
20 <sup>th</sup> AGM	Regional Co-operation and Economic Growth	Jan 10-12, 2005
21 <sup>st</sup> AGM	Skills Development, Productivity, and Growth	Dec 19-21, 2005
22 <sup>nd</sup> AGM	Governance and Institutions	Dec 19-22 2006
23 <sup>rd</sup> AGM	Environment and Natural Resource Management: Issues and Challenges	Mar 12-14, 2008
24 <sup>th</sup> AGM	Economic Sustainability in a Globalized World	Mar 31-02 Apr, 09
25 <sup>th</sup> AGM	Investing in People	Mar 16-18, 2010
26 <sup>th</sup> AGM	Fiscal Decentralization: Empowering the Provinces, Strengthening the Federation	Dec 28-30, 2010
27 <sup>th</sup> AGM	Economic Growth and Development: New Directions	Dec 13-15, 2011
28 <sup>th</sup> AGM	Economic Reforms for Productivity, Innovation and Growth	Nov 13-15, 2012
29 <sup>th</sup> AGM	Energy Security and Economic Sustainability: The Way Forward	Dec 19-21, 2013
30 <sup>th</sup> AGM	Poverty, Inequality and Economic Growth	Dec 2-4, 2014
31 <sup>st</sup> AGM	Vision 2025: Effective Strategies for Transformational Growth	Dec 17-19, 2015
32 <sup>nd</sup> AGM	China-Pakistan Economic Corridor and Regional Integration	Dec 13-15, 2016





**The Theme for the 33<sup>rd</sup> Annual General Meeting and  
Conference of the PSDE**

***Redefining Prosperity Paths in Changing Global Economy:  
Opportunities and Challenges for Pakistan***

Economic Growth along with socio-economic development as key policy goals have been pursued vigorously in Pakistan's development history. Like every country around the world Pakistan's economy has witnessed changes in its structures and processes. Presently Pakistan is showing signs of a turnaround. There has been a broad based pick-up in economic growth in all major sectors including manufacturing, agriculture and services. The macroeconomic fundamentals have significantly improved showing a stable macroeconomic environment with low fiscal deficit and inflation, stable exchange rates, and robust growth in public revenues. The international ratings agencies are optimistic about Pakistan's economic performance and are predicting Pakistan to emerge as one of the fast growing economies in the world.

Pakistan possesses fundamental advantages that can be harnessed to prepare the economy for establishing a major share in global economy. For a start, buoyant and potentially productive sectors in the economy of Pakistan have to be targeted. Industrial development played an important role in the economic growth of countries like China, the Republic of Korea (Korea), Taiwan and Indonesia. In the very near future there will be countries (such as Finland, Switzerland, Sweden, Singapore, the Netherlands and the United States) who will ride the tide of economic growth spurred by the Fourth Industrial Revolution (4IR). CPEC project has the potential to be the harbinger for such industrial development. Over the years, Pakistan's manufacturing sector has grown at an average annual rate of about 5 percent despite significant challenges including the energy crisis and domestic security situation. This shows resilience of our entrepreneurs which is critical for sustaining the growth momentum. The fast growing middle class can serve as the backbone of economy by providing domestic commerce opportunities in the years to come. In addition, Pakistan has favorable demographics with a significant youth bulge in its population which has the potential to propel the economy into a high growth trajectory in the medium term. Finally, Pakistan has the advantage of a large diaspora that can play a pivotal role in providing technology, expertise, and investments for establishing new sectors that can generate sustained economic growth in the future. The challenge for Pakistan development planners is to put in place a policy framework to fully tap the potential drivers of growth so as to achieve a leading position in the global economy.

In view of rapid transformation of the global economic order, it is also necessary for Pakistan to reposition itself in the world economy. More specifically, the major economic powers of the world including the United States and European Union are facing structural issues including aging populations, growing debts, and weakening economic performance. Concurrently, China has overtaken Japan to become the second largest economy in the world and is expected to soon surpass the US economy in terms of the size of GDP. On the other hand, the global financial crisis has undermined the 'Washington consensus' giving rise to a shift in policies that allow a greater role to the public sector in steering the national economies. The recent political developments in the United States and European Union are expected to further shift the balance of global economic power as these economies become more inward looking owing to domestic pressures.

Against this background, this year the 33rd AGM of PSDI will bring together national and international academic and policy researchers, policy practitioners and stakeholders to discuss and debate how Pakistan can redefine the Prosperity Paths in Changing Global Economy. Sub themes of the Conference are:

Industrial development; Job creation, Special Economic Zones and Urban Development

Quest for Prosperity; Indigenous Experiences, New Paradigms, Sustainability

Innovation, Productivity and Economic Growth

Impact of Fourth Industrial Revolution; Robotic Economy, Artificial Intelligence Economy, Carbon Fibers and others

Agricultural Reforms; modernization and Agro-based Industrial development

Financial Liberalization and Business Development

Indigenous Economic Practices; sustainability and suitability

Social Capital and Economic Growth: Tolerance, Harmony and Trust

Macroeconomic policies in a changing global and local Landscape

Brain and Brawn for Change; Academia-Economy Linkages

Tapping the Regional Economic Integration; CPEC, ECO, SAARC, ASEAN

## BRIEF PROFILES OF THE SPEAKERS OF DISTINGUISHED LECTURES AT THE 33<sup>rd</sup> AGM AND CONFERENCE

### PROFILE OF PANELISTS

#### Ahsan Iqbal

Ahsan Iqbal is the Federal Minister for Interior and Minister for Planning, Development and Reforms. Previously he served as the Minister of Planning and Development of Pakistan and the Deputy Chairman of Planning Commission of Pakistan.

Mr. Iqbal attended the University of Engineering and Technology, Lahore to study mechanical engineering in 1976 from where he graduated with B.Sc. in 1981. In 1984, he completed the Wharton School of the University of Pennsylvania from where he got MBA in 1986. He has also attended School of Foreign Service, Georgetown University, USA and Kennedy School of Government, Harvard University, USA programmes.

Under the guidance of Mr. Ahsan Iqbal Planning Commission of Pakistan successfully launched the Pakistan Vision 2025 policy document. It is envisaged that this Vision and the subsequent strategy will lay down the foundations of a prosperous, just and harmonious society.



#### Atta-ur-Rahman

Atta-ur-Rahman obtained his Ph.D. in organic chemistry from Cambridge University (1968). He has 1080 publications in several fields of organic chemistry including 753 research publications, 37 international patents, 69 chapters in books and, 221 books published largely by major U.S. and European presses. He is the Editor-in-Chief of eight European Chemistry journals. He is Editor of the world's leading encyclopedic series of volumes on natural products "Studies in Natural Product Chemistry" 52 volumes of which have been published under his Editorship during the last two decades. Eighty two students have completed their Ph.D. degrees under his supervision.

Prof. Rahman is the first scientist from the Muslim world to have won the prestigious UNESCO Science Prize (1999) in the 35 year old history of the Prize. He was elected as Fellow of the prestigious Royal Society (London) in July 2006. He has been conferred honorary doctorate degrees by many universities including the degree of Doctor of Science (Sc.D.) by the Cambridge University (UK) (1987), Honorary degree of Doctor of Education by Coventry University UK (2007), Honorary D.Sc. degree by Bradford University (2010), Honorary Ph.D. by Asian Institute of Technology (2010) and Honorary Doctorate from King of Malaysia (University of Technology, Mara, 2011). He was elected Honorary Life Fellow of Kings College, Cambridge University, UK in 2007. Atta-ur-Rahman was conferred the TWAS (Italy) Prize for Institution Building in October 2009 in recognition of his contributions for bringing about revolutionary changes in the higher education sector in Pakistan. The Austrian government has honoured him with its highest civil award ("Ehrendoktor Goldene Ehrenzeichen am Bande") (2007) in recognition of his eminent contributions. He is President of Network of Academies of Sciences of Islamic Countries (NASIC), Foreign Fellow of Korean Academy of Sciences, and Foreign Fellow of the Chinese Chemical Society. Atta-ur-Rahman has won the International Scientific Corporation Award by Chinese Academy of Science (CAS) for building scientific collaborations between China and Pakistan (2014), has been awarded prestigious "Einstein Professorship" by Chinese Academy of Sciences (CAS), 2013 and has been awarded highest award "Friendship Award of China" on September 28, 2014. He has recently been appointed as Consultant, Education Forum Asia (2015-2020) and Foreign Member of Chinese Academy of Sciences (2015).

Atta-ur-Rahman is the President of Network of Academies of Science in Countries of the Organization of Islamic Conference (NASIC). Prof. Atta-ur-Rahman has been elected as the President of the Pakistan Academy of Sciences twice from 2003-2006 and 2011-2014. He was the Federal Minister for Science and Technology (14th March, 2000-20th November, 2002), Federal Minister of Education (2002) and Chairman of the Higher Education Commission with the status of a Federal Minister from 2002-2008. Atta-ur-Rahman was the Coordinator General of COMSTECH, an OIC Ministerial Committee comprising the 57 Ministers of Science & Technology from 57 OIC member countries from 1996 to 2012. He is Distinguished National Professor as well as Professor Emeritus at Karachi University.

In recognition of his global outstanding services to the development of Science and Technology the largest university in Malaysia, University of Technology Mara, Malaysia UiTM, has established an institution entitled, "Atta-ur-Rahman Institute of Natural Product Discovery (RiND)" in 2013. The National University of Science and Technology (NUST) has also established an Institute "Atta-ur-Rahman School of Applied Biosciences (ASAB)" at their university in Islamabad in 2011.





Prof. Dr. Atta-ur-Rahman is the most decorated scientist of Pakistan having won four civil awards by the government of Pakistan, including Tamgha-i-Imtiaz (1983), Sitara-i-Imtiaz (1991), Hilal-i-Imtiaz (1998), and the highest national civil award Nishan-e-Imtiaz (2002).

#### **Ishrat Hussain**

Ishrat Hussain has served as Public policy fellow at Woodrow Wilson Center Washington DC 2016-17; Dean and Director IBA Karachi from 2008 to 2016; Chairman, National Commission for Government Reforms with the status of Federal Minister 2006-2008; Governor State Bank of Pakistan 1999-2005; Director, Chief Economist, Division Chief, World Bank 1979-1999 and member of Civil Service of Pakistan 1964-1979.

He holds Master's degree in Development Economics from Williams College and doctorate in Economics from Boston University. He is also a graduate of the Executive Development program jointly sponsored by Harvard, Stanford and INSEAD.

Dr. Hussain has authored 18 books and monographs, three dozen refereed journal articles and 27 chapters in books. He is HEC Distinguished National Professor and also Professor Emeritus at IBA. The President of Pakistan conferred Nishan-e-Imtiaz in 2016 and Hilal-e-Imtiaz in 2003 upon him for outstanding public service.



#### **Asad Zaman**

Asad Zaman finished high school in Karachi in 1971, and left his home & family for MIT, Boston at the age of 16. He finished his BS in Math in 1974 and took an undergraduate Macroeconomics class with Robert Solow, and covered Henderson & Quandt in Microeconomics. He finished his Ph.D. in Economics from Stanford University in another three years from 1974 to 1977, picking up a Masters in Statistics along the way. Joseph Stiglitz, Kenneth Arrow, and Robert Aumann were among his teachers.

Mr. Zaman has vast experience of research and teaching in world renowned universities like university of Pennsylvania, Columbia University, Johns Hopkins, and Bilkent University. Currently, he is serving as vice chancellor, PIDE.



#### **Nadeem-ul-Haque**

Nadeem-ul-Haque is the former Deputy Chairman, Ministry of Planning, Development and Reforms and Ex Vice Chancellor PIDE. Haque had also served the Government of Pakistan as an advisor to the Ministry of Commerce. He has undertaken research on a range of issues including corruption, international trade, macroeconomic policies, poverty, labour and manpower, income distribution, industrial economics, human resource development, privatization, fiscal and monetary policies.



#### **Asim Ijaz Khwaja**

Asim Ijaz Khwaja is the Sumitomo-Foundation for Advanced Studies on International Development Professor of International Finance and Development at the Harvard Kennedy School, Co-Director of Evidence for Policy Design (EPoD), and co-founder of the Center for Economic Research in Pakistan (CERP).

His areas of interest include economic development, finance, education, political economy, institutions, and contract theory/mechanism design. His research combines extensive fieldwork, rigorous empirical analysis, and microeconomic theory to answer questions that are motivated by and engage with policy.



#### **Tariq Bajwa**

Tariq Bajwa has been Governor at State Bank Of Pakistan since July 7, 2017. Mr. Bajwa has varied experience in his career including field assignments of Assistant Commissioner and Deputy Commissioner, Secretariat positions both the Federal and Provincial Secretariat, General Manager PIA (1992-1996), Head of Pakistan's Trade Mission in Los Angeles (1999-2004), Director General Planning and Finance in Earthquake Reconstruction and Rehabilitation Authority (ERRA) and the United Nations Development Programme (UNDP). He served as Secretary Finance of Punjab from 2010 to 2013 and during his tenure he steered stabilizing the finances of the province and introduced several reforms including pension reforms. He served as Secretary of Economic Affairs Division and then as Secretary Finance at SHP until June 18, 2017. He has professional expertise and experience include public policy formulation and implementation with specialization in public finance and taxation. He has been associated with Civil Service of Pakistan since 1981 before joining the SHP. He served as the Chairman of FBR from July 2013 to October 2015. He served as a Non-Executive Director of The Bank of Punjab from 2010 to





2011 and from February 2017 to June 2017 respectively. Mr. Bajwa served as a Director of Fauji Fertilizer Company Ltd. He attended National Management Course at National School of Public Policy Lahore in 2009 and Working at National Institute of Public Administration (NIPA) in 2004. He holds a Master's degree in Public Administration from Kennedy School of Government, Harvard University and an LLB from University of the Punjab, Lahore.

#### Viktor Volynov

Mr. V. Volynov is the author of numerous scientific papers and projects, participant of scientific meetings, highly respected member of the editorial board of scientific publications. So, he is the author of more than 100 articles published in international and local scientific journals, as well as 1 monograph, 1 textbook. He acted in above 100 projects of local and international level as a project manager and performer. He attended the scientific seminars, symposiums, conferences and forums with presentations in about 30 countries. 16 of scientific research work performed by him have been included into the annual reports of the former Soviet Union and Azerbaijan as the most important result. He has given 12 seminars on Economics, Mathematics and Engineering.



It is the result of hard work, perfection and learning that he is the head of the newly established Research Centre of the Economic Cooperation Organization (ECO) in Azerbaijan, Deputy Chairman of the Economic Council of the National Academy of Sciences of Azerbaijan, the chairman of the scientific seminar on the specialty of "Econometrics" of the defence council operating within the Baku State University.

He is the chief editor of the ECO "Economy" magazine, as well as the member of the editorial staff of "Azerbaijan Oil Industry" (Azerbaijan), "Economic, social and theoretical scientific journal" (Moldova), "Information Society Problems" (Azerbaijan), "Economics and Management" (Russia).

#### Masoom Yasinzai

Masoom Yasinzai, Meritorious Professor of Biochemistry and currently the Rector, International Islamic University, is one of the leading scientist and educationist of Pakistan. Dr. Masoom has already served one tenure each as Vice-Chancellor, Balochistan University and the country's top University i.e. Quaid-i-Azam University, Islamabad. He is author of 115 research publications in top international science journals and has also contributed chapters in international publications/encyclopedias. Based on ranking by the council for science and technology, ministry of S & T Pakistan, he is graded over the past five years as the productive scientist in Pakistan. He spent 30 years in the University of Balochistan as Professor, Dean and Vice Chancellor of that premier University of the Province and no doubt played a key role in the establishment of science & scientific activities in that Province. His research work over the years has resulted in number of scientific discoveries, the recent one being the development of a new chemotherapeutic agent against Leishmaniasis, a parasitic disease highly endemic in Pakistan. These days he is striving hard for establishing research & development centre for Leishmania research in the country. He has worked as visiting faculty & research associate in many prestigious academic institutions of the world, including Chicago Medical School, USA, Perugia Medical School, Italy, Liverpool School of Tropical Medicine, UK and Calcutta Institute of Chem. Biology, India. He has developed not only in country academic linkages but with the scientists abroad as well. The recent one being the establishment of a practical linkage with the Razi & Pasteur institute in Iran on work in biotechnology.



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#### Mingbo Zhang

A citizen of China, Zhang earned B.S. in mathematics from Nankai University, China; M.S. in economics from Tianjin University of Economics and Finance, China; and M.S. and Ph.D. in applied economics and management from Cornell University in January 2005.

Zhang joined IFPRI in 1998. He has published widely in the fields of economic growth, income distribution, public investment and rural industrialization in China and other developing countries. He is a Co-editor of Chinese Economic Review. He was selected as the president of Chinese Economists Society from 2005 to 2006.



#### Neil Duhne

Neil Duhne is UN Resident Coordinator and UNDP Resident Representative in Pakistan. Prior to his appointment by the Secretary General and UNDP Administrator, Mr. Duhne was Director of the UNDP Office in Geneva. He joined UNDP's Bureau for Crisis Prevention and Recovery (BCPR) in February 2011, as Director of the BCPR Geneva Liaison Office.

He has served with the United Nations as Resident Coordinator and UNDP Resident Representative in three countries for 12 years, since joining the United



Nations 30 years ago. From 2007 until February 2011 he served as Resident and Humanitarian Coordinator and UNDP Resident Representative in Sri Lanka. From 2003 to 2007 he was RC/RR in Bulgaria, and before that, from 1999 to 2003, in Belarus.

In Sri Lanka, as senior UN official in the country, he led the response to the humanitarian crisis, and work on post-conflict recovery. In Bulgaria, he worked with Bulgarian government and municipalities in reducing inequalities and becoming better prepared to benefit from EU membership. In Belarus he led programming to reduce the continuing impact on people from the Chernobyl disaster, to preserve areas of unique biodiversity, and to reduce the spread of HIV/AIDS.

Prior to that he spent many years in Asia, as UNDP Deputy Representative in Malaysia (and acting RC/RR for 20 months) from 1995 to 1999, UNDP Assistant Resident Representative in Pakistan from 1990 to 1995 and Programme Officer in UNDP Bhutan. In 1985 and 1986 he served with UNDP and other agencies as Junior Professional Officer in Sudan on humanitarian and recovery issues. He holds an M.A. from the Norman Paterson School of International Affairs, Carleton University Ottawa, Canada.

#### **Waqar Masood Khan**

Waqar Masood Khan served as Federal Secretary at Ministry of Finance. Dr. Khan has been Secretary, Finance Division, Government of Pakistan since April 16, 2013. He served as the Deputy Chief Executive Officer and Head of Group Personal & Premium Banking Services at Jordan Ahli Bank. He served as the Head of Wealth & Private Banking Group at The Housing Bank for Trade and Finance. He has held several important positions in the Federal Government including Special Secretary to the Prime Minister, Secretary Economic Affairs Division and Secretary Textile Industry. He held various senior positions during his service with the Government of Pakistan, which include the position of Special Secretary to the Prime Minister, Secretary Economic Affairs Division, Additional Secretary Finance Division and Additional Secretary Prime Minister's Secretariat. He worked for many local, regional and international financial and banking institutions, including the Union Bank for Saving and Investment, Standard Chartered Bank and Merrill Lynch, for more than thirty years. His experience mainly in the field of private banking, retail banking, operations and treasury. He has been Director of State Bank Of Pakistan since April 16, 2013. He served as a Non-Executive Director of Pakistan International Airlines Corporation since July 03, 2013. He served as a Director at Pakistan Telecommunication Company Limited from July 16, 2013 to February 8, 2017. He served as a Director of Pakistan Telecommunication Company Limited since February 2011 and also from October 30, 2008 to April 30, 2009. He served as a Nominee Director of Pakistan International Airlines Corporation since December 2010. He served as a Director of Islamic Development Bank and National Bank of Pakistan. He served as a Director of Pakistan International Airlines Corporation since January 2008. Dr. Khan holds M.A. in Political Economy and Economics, LL.B and Ph.D. in Economics from Boston University, Massachusetts, USA. He studied B.Sc. in Economics in 1972.



#### **Naela Chohan**

She is High Commissioner for Pakistan to Australia from 29 October 2014 with concurrent accreditation to Fiji, PNG, Vanuatu and Solomon Islands. She held important positions in Government of Pakistan in various capacities including Additional Foreign Secretary (Middle East & Africa), Ministry of Foreign Affairs, ambassador of Pakistan to Argentina with concurrent accreditation to Ecuador, Peru and Uruguay, Acting High Commissioner, Pakistan High Commission Ottawa, DHM, Pakistan High Commission Ottawa, Canada, National Authority for Implementation of Chemical Weapons Convention, Ministry of Foreign Affairs, Director General, Ministry of Foreign, D-8 Commissioner for Pakistan. She has been member of the board of governors/Directors of different organizations including Inter State Gas System Limited, Film Censor Board, Islamabad, Overseas Employment Corporation of Pakistan, and Member of the Policy Advisory Council of ACIAR. She holds master's degree in International Relation from Quaid-e-Azam University.



#### **Nadeem Javaid**

Dr. Javaid has the privilege to be the 13th Chief Economist of Government of Pakistan since August 2014. He holds a PhD in Economics and MS in Innovation and Industrial Dynamics from CNRS, the University of Nice Sophia Antipolis, France.

Dr. Javaid has 19 years of experience in Academia, Financial Industry and Policy formulation. He served as Associate Dean at Karachi School for Business and Leadership and Faculty Member at Suleman Dawood School of Business, Lahore University of Management Sciences and SKEMA Business School, France, where he taught Economic Policy, Innovation Strategy and Organization & Dynamics of Financial System to its executive and postgraduate programs.



Moreover, he has central banking experience at the State Bank of Pakistan where he conducted compliance and risk-based on-site inspections of banks/non-banking financial institutions of the country. He also worked as a member of the Working Group on Regulatory Reforms - Ministry of Finance and an Advisor to the Minister for Planning, Development and Reform. Dr. Javaid has presented his research work at several peer reviewed international conferences and published in the Journal of Evolutionary Economics and International Journal of Food and Agricultural Economics.

#### **Pervez Tahir**

Pervez Tahir is a senior economist, distinguished professional writer and speaker. He has had a long career in the Government of Pakistan. Starting in 1974 as the Deputy Economic Adviser of Ministry of Finance, he served as Chief of Research and Debt Management in the Economic Affairs Division in the nineties. He rose to be the Chief Economist/Member of the Planning Commission and acted as Secretary, Planning and Development Division in 2000-06. He also served as Managing Director of the ENERCON and Energy Conservation Fund. Before joining the Federal Government, he was the Economic Correspondent of the Pakistan Times and Editor of the weekly, Punjab Punch.



#### **Zafar Mahmood**

Zafar Mahmood is Professor of Economics at School of Social Sciences and Humanities (S3H), National University of Sciences and Technology (NUST) and Head of Department of Research S3H. He is the Managing Editor of NUST Journal of Social Sciences and Humanities. He received his PhD (Economics) from Columbia University (1989). Dr. Mahmood has nine books to his credit and has widely published in peer reviewed international and national journals. He has been consultant to the World Bank, Asian Development Bank, UNDP, UN ESCAP, British Council, International Development Center of Japan, DREMcGraw-Hill, SAARC Human Resource Development Center.



#### **Stephen Davies**

Stephen Davies is IFPRI Senior Research Fellow and Program Leader for the Pakistan Strategy Support Program (PSSP), Islamabad. He is Professor Emeritus, Department of Agricultural and Resource Economics, Colorado State University where he served as Chair of the Department from 2005-2011. His research on Pakistan has focused on agricultural policy, computable general equilibrium models, and water resources. Prior to joining PSSP, he worked as an economist on the Friends of Democratic Pakistan's Water Sector Task Force, and has been active in the recent national water policy discussions.



#### **Safdar Sohail**

Safdar Sohail is currently serving as Director General National Institute of Management. Formerly he was Joint Director, PIDE and the Executive Director, CPEC Centre of Excellence of Planning Commission. He has served as Economic Minister of Pakistan Mission to EU, Brussels, Director General Trade Policy (Federal Ministry of Commerce), Commercial Counselor, Pakistan High Commission Kenya-East Africa, Deputy Director & Information Officer, Export Promotion Bureau, Assistant Controller, Chief Controller Imports and Exports Office, Ministry of Commerce, Govt. of Pakistan and several teaching positions.



#### **Rehana Siddiqui**

Rehana Siddiqui is currently serving as a Head of the Department of Environmental Economics at PIDE. She holds a PhD in Economics from Columbia University, New York, USA and has a specialization on Economic Growth, Environmental Economics, Human Resource Development, and Applied Econometrics. Previously she had worked as Joint Director, (PIDE), Director Centre for Environmental Economics and Climate Change (PIDE), Chief of Research (PIDE), Chairperson-PIDE PhD Programme. She teaches Microeconomic Theory, Economics of Climate Change, and Public Policy.



#### **G.M. Arif**

GM Arif is a former Joint Director of PIDE. He got his Ph.D. in Demography from Australian National University, Canberra. He has worked as a Poverty Reduction Specialist, Research Demographer in PIDE. As a Joint Director, he has coordinated the research activities of different research Divisions, besides heading a Research Division named Population, Poverty and Labour Dynamics - responsible to carry out research on issues related to the social sector including population dynamics, employment, health, education, poverty, safety nets, income distribution and MDGs.





#### Aliya H. Khan

Dr. Aliya Hashmi Khan is former Professor of Economics, Quaid-i-Azam University, Islamabad. She is associated in an advisory capacity as a Labor Economist with various governmental committees and international organizations on issues of Labor Policy, Labor Law Reform, and Labor Standards & Labor Force Statistics. She holds membership of the Board of Directors, State Life Insurance Corporation of Pakistan and of the Monetary Policy Committee, State Bank of Pakistan. She has also served as Central Labor Advisor at the Federal Ministry of Labor and as an Independent Member of the Punjab Minimum Wages Board.



#### Ather Maqsood Ahmed

Ather Maqsood Ahmed is currently Professor and Head of Economics Department at School of Social Sciences and Humanities at National University of Sciences and Technology (NUST). Previously he has held several prestigious positions including Member Fiscal Research and Statistics at the Federal Board of Revenue, Chief of Research at the Pakistan Institute of Development Economics, and Senior Research Scientist at Kuwait Institute for Scientific Research. He received his Ph.D. in Economics from Johns Hopkins University, USA and Masters in Economics from University of Waterloo, Canada. He also holds Master's Degree in Economics from Quaid-i-Azam University, Islamabad.



Prof. Ahmed has more than 35 years of Research and Teaching experience in the fields of Macroeconomics, Fiscal Policy, Applied Econometrics (Macro-econometric Modeling), Statistics, and Economic Demography. To date he has completed and published over 60 research assignments in his areas of specialization in the shape of Books, Reports, Research/ Working Papers and Journal Articles. He is member of Pakistan Society of Development Economists, Council of Social Scientists, and Pakistan Economic Forum.

#### Hamza Ali Malik

Hamza Malik joined UN-ESCAP in November 2014 and is currently working as chief of macroeconomic policy and analysis, where his main responsibility is to lead assessment of economic conditions and development challenges of the Asia-Pacific region and prepare the Economic and Social Survey of Asia and the Pacific – UN-ESCAP's flagship publication. In addition, he is also leading UN-ESCAP's work on developing financing strategies in support of the 2030 Agenda for Sustainable Development, with particular focus on tax policy and administration reforms and financial market development. Before joining UN-ESCAP, Hamza Malik worked as Director of Monetary Policy department at the State Bank of Pakistan (SBP) – the country's central bank – from June 2007 till November 2014. He was a member of Bank's internal Monetary Policy Committee (MPC) and played a pivotal role in shaping the country's monetary policy framework and introducing many reforms, including legislative changes in the central bank law. He was also a member of Government of Pakistan's teams that participated in discussions and negotiations with the International Monetary Fund (IMF) and that successfully issued sovereign bond in international capital markets. He also served as the editor of SBP's Working Paper series and handled the print and electronic media in relation to communicating SBP's monetary policy stance. In 2013, Hamza Malik spent three months at the Department of Politics and International Relations, University of Oxford as a research fellow and conducted independent research on the political economy of monetary institutions.



Before joining the SBP, he was an assistant professor in the department of economics at Lakehead University, Canada where he taught macroeconomics, monetary economics and international finance. He graduated from McMaster University with a PhD in economics in 2002 and has written numerous research papers on the subject of monetary policy and related issues.

#### Ahmed Masood Khalid

Professor Ahmed Khalid earned his Ph.D. in economics from Johns Hopkins University, USA. He joined Universiti Brunei Darussalam in May 2015 as a Professor of Economics. Previously, he worked at the Bond Business School as Professor of Economics and Finance since 2001. He also worked at the National University of Singapore (NUS) from 1992-2000. Professor Khalid has also worked with the World Bank (visiting Consultant; the Planning Ministry of Pakistan (Advisor to the Minister) and Washington and Lee University (visiting Scholar). His visiting academic appointments include Nanyang Technology University, Singapore; Lahore University of Management Sciences (LUMS), and Pakistan; and Pakistan Institute of Development Economics (PIDE). He has also worked as a consultant for leading institutions in finance and economics including the Economic Research Institute for East Asia and ASEAN (ERIA), Limberg Institute of Financial Economics (LIFE), the Asian Development Bank (ADB), CitiGroup, Haans Seidel Foundation and the UNDP.



He is also Honorary Professor of Economics at Bond University, Australia and Founder and Co-Chair of Global Development Forum at the Bond University, Australia. He is also a member of the U.K. based



International Growth Centre (Macro Research Cluster – Pakistan Chapter) and Bond Representative for the Quality Assurance Program for Sur University College in Oman. Professor Khalid's research interests are in applied macroeconomics and monetary economics, applied econometrics, financial crisis and financial sector reforms with particular reference to emerging economies in East- and South-Asia and globalization and financial market integration. He is Associate Editor of Singapore Economic Review; member, Advisory Board, Jurnal Ekonomi Malaysia (Malaysian Journal of Economics); member of the editorial board of South Asian Journal of Global Business Research and a number of other regional journals. His published papers and books are widely cited in literature. His publications include four books published by Edward Elgar Publishing Co. U.K., internationally refereed articles, chapters in books and numerous consultancy/project reports, technical reports, working papers and conference papers.

#### **Vaqar Ahmed**

Dr. Vaqar Ahmed is the Deputy Executive Director at Sustainable Development Policy Institute (SDPI). Earlier, he has served UNDP as Advisor, and has undertaken assignments with Asian Development Bank, World Bank, and Ministries of Finance, Planning and Commerce in Pakistan. Between 2009 and 2011, he was the Head of Macroeconomics Section in Planning Commission of Pakistan, which is responsible for the formulation of annual, medium and perspective development programmes. He remained the technical associate and member of the task forces, constituted by the Government of Pakistan, including Advisory Panel of Economists (2008), Task Force on Private Sector Development (2009), Working Group on Macroeconomic Framework for Tenth Five Year Plan 2010-15, and Working Group on Social Sector Development for Pakistan Vision 2025.



He has published extensively in areas such as macroeconomic modeling, inclusive growth and infrastructure reforms, trade and taxation policies, regional trade agreements, trade in services, energy governance, border-related trade infrastructure, youth employment, women-led social enterprises, and social safety nets. He is the visiting faculty member and researcher in different international institutes, including the University of Le Havre in France, National University of Ireland, IMT Institute of Advanced Studies in Italy and Pakistan Institute of Trade and Development. His PhD students are working on, economy-wide evaluation of regional trade agreements, simulating growth and welfare impact of infrastructure and investment policies.

#### **Sakib Sherani**

Sakib Sherani is a former Economic Advisor of the Ministry of Finance and currently heads Macro Economic Insights (Pvt) Ltd, a consultancy firm based in Islamabad. He has a wide range of senior-level experience in public policy, corporate management (board-level), financial services and not-for-profit organizations. Amongst his key works has been the production of the Economic Survey which served as the annual flagship publication of the government on the state of the economy.



#### **Fayed Akhter Hasan Shah**

Akhter Hussain Shah is a social capital specialist, currently serving as the Secretary, Government of Khyber Pakhtunkhwa Peshawar, Government of Pakistan. He has done PhD from PIDE. He has experience in policy making and implementation for labor employment as well as prepared and implemented Social Protection Strategy for Workers in the province. Moreover, he has also participated in the implementation of health facilities, medical treatment and old age benefits to low income people across the province and imparting technical training and education facilities to different people across the province.



#### **Nuzhat Ahmad**

Prof. Dr. Nuzhat Ahmad has a Ph.D. in Economics from University of Sheffield, UK and a Masters in Applied Economics from the University of Karachi. She has over 25 years of experience in conducting policy oriented research and providing policy advice to governments. Dr. Ahmad has undertaken research and development work for international agencies including the World Bank, Asian Development Bank, UN Agencies, USAID, Inter-Agency Gender and Development Group, DFID, Overseas Development Institute, Harvard International Institute of Development, and the Aga Khan Foundation. She has worked extensively in areas of urban and regional economics poverty, public finance, gender, human and social development; health, nutrition and food security. Dr. Ahmad has worked throughout Pakistan including several field studies in the urban and rural areas of Sindh, Punjab and KPK provinces. She has experience of working on countries including Afghanistan Bangladesh, Bulgaria, El Salvador, Honduras, Mexico, Republic of Moldova, Trinidad and Tobago, Uganda, Brazil, Morocco, Madagascar, Benin, Kenya, Malawi, Morocco,



Niger, Nigeria, Sierra Leone, Syria, Bahrain, Egypt, Lebanon and Saudi Arabia. Her development experience also includes studying best practices in many other countries.

#### **Ashfaq Hasan Khan**

Dr. Ashfaq Hasan Khan is currently the Principal and Dean, School of Social Sciences & Humanities, National University of Sciences & Technology (NUST), Islamabad as well as a member of the Economic Advisory Council of the Government of Pakistan. He has recently been elected as member of the Board of Trustee of the International Islamic University, Islamabad. He has been the Special Secretary Finance/Director General, Debt Office and Economic Adviser Ministry of Finance, Islamabad for eleven years (1998-2009). He has also been the Spokesperson of the Government of Pakistan on Economic Issues for eleven years (1998-2009). He has been the Director and Vice Chairman of the Saudi-Pak Industrial and Agricultural Investment Company Ltd (A joint venture of Saudi Arabia and Pakistan); and Directors of the United Bank Limited (Representing government's shares in the Bank) and Pak-Libya Holding Company (A Joint venture of Pakistan and Libya).



Dr. Khan holds a Ph.D degree in economics from the Johns Hopkins University in USA. He joined the Pakistan Institute of Development Economics (PIDE) in 1979 as Research Economist, where he held increasingly senior positions. He was Joint Director of the Institute before being appointed Economic Adviser of the Ministry of Finance in March 1998. In January 2003 he was appointed Director General of the Debt Office of the Ministry of Finance. He was appointed Special Secretary Finance/ Director General, Debt Office in July 2007 - a position which he held until February 2009. Dr. Khan has been the spokesperson of the Government of Pakistan on economic issues for 11 years (March 1998 February 2009). Dr. Khan is currently a member of the United Nations Expert Group to review the performance of the Asia-Pacific economies at the Economic and Social Commission for Asia and Pacific (ESCAP), Bangkok. He was one of the experts of the UN-ESCAP, assigned the task to prepare the views of the Asia-Pacific region on the world economy for presentation at the G-20 Summit, held in Seoul, Korea in November 2010.

He has been the editor, co-editor and the member of the Editorial Committee of the various prestigious journals of economic science. He has been the recipient of various awards from the National Book Foundation for publishing articles in International Journals of economic science. He is also the external examiner of Ph.D dissertation submitted to various Pakistani and foreign universities. He represents Higher Education Commission in the selection board of the Pakistan Institute of Development Economics (PIDE) and the National Defence University (NDU). He is also the member of the Board of Governor of the Foundation University. Dr. Khan is a frequent speaker at the National Defense University, Pakistan Administrative Staff College, National Institute of Public Administration (NIPAs), the Army School of Logistics, Kuldana, Army School of Infantry, Nowshera the Command and Staff College, Quetta and Ordinance College, Malir Cantt, Karachi. Dr. Khan has the distinction of being the most widely published economist of the country. He has published 9 books and more than 170 articles in national and international journals of economic science. His papers have appeared in the most prestigious journals of economic science published from Harvard University and University of Chicago. Dr. Khan has also the distinction of being a student of a Nobel Laureate in economics, Professor Lawrence R. Klein.

In recognition of his outstanding contribution to the field of economics and public policy the President of the Islamic Republic of Pakistan has conferred the award of Sitara-i-Imtiaz to Dr. Khan in 2005. The Economic Cooperation Organization (ECO) also conferred him the ECO Excellence Award 2010 for his outstanding contribution in the field of Economics.

#### **Usman Mustafa**

Dr. Usman Mustafa is presently working as Professor and Head Department of Management Studies at Pakistan Institute of Development Economics (PIDE). An apex and prestigious leading economic research, policy and teaching institute. He has more than 35 years of meritorious teaching, research, and development services record, in different International/Local Organizations, Programs/projects. He got his Ph.D. and M.S. degrees in Economics from IRR/University of Philippines at Los Banos (UPLB) during 1991 and 1987, respectively. He also possessed MBA (Mkt) degree from Pakistan. Beside these he too completed his Post Doctorate from AVRDC - The World Vegetable Center, Taiwan.



Dr. Mustafa has the expertise in teaching, training, management, monitoring and evaluation, HRM environment, research, policy analysis, environment, resource economics, planning, co-ordination and collaboration, team building, management, development, formal and informal diagnostic survey i.e. Participated Reflection & Action (PRA). He is Higher Education Commission (HEC) recognized PhD supervisor and supervised five PhDs and 76 MPhil students for their research work. He is also visiting faculty member in number of Universities, teaching and training institutes. He is also a certified trainer from International Finance Corporation (IFC), World Bank Group. He has also been an active member of different international/national social and academic organizations.

He is an author of more than 125 research articles, technical/consultancies reports, workshops/conferences papers and chapter in edited books, also produced number of books. He has high level of management, analytical, technical and conceptual skills along with fully conversant with computer applications. He is member of number of International and local Journal's editorial boards and also act a reviewers.

#### **Shahid Rashid**

Shahid Rashid has attained a Doctoral degree from Loughborough University, UK in 2009 with specialization in the field of Supply Chain Management. He did masters in Industrial and Manufacturing Engineering and bachelors in Mechanical Engineering. He attained a post graduate diploma in Certified Quality Professional (CQP) and secured an ISO 9000 lead auditor certification. He has participated in a professional development Local Grad course from Loughborough University, UK. He is a supply chain management and project management professional with over 16 years of extensive experience of working both in public and private sector organizations at national and international levels. After his PhD he is actively involved in teaching and research at different universities as visiting faculty.



Currently he is an Executive Director of Centre of Excellence of China Pakistan Economic Corridor (CE-CPEC), Pakistan Institute of Development Economics (PIDE), Islamabad. The CE-CPEC is envisioned as an apex research center to work as a think tank to reap the true spirit of CPEC portfolio; energy, infrastructure, cross-border and industrial cooperation to support the broader initiatives namely Pakistan Vision 2025 and One Belt One Road (OBOR). Before this, he was Deputy Director Supply Chain Management (SCM) in CPEC Secretariat, Ministry of Planning Development & Reform (Mo PD&R), Islamabad. The CPEC Secretariat is a country level center to coordinate with Federal and Provincial departments and Authorities and other stakeholders including there at China regarding the CPEC progresses, ongoing activities and future course of action.

Prior to this responsibility, he was General Manager and Deputy Project Director at National Development Complex (NDC), NESCOM, Islamabad heading a composite team of managers, engineers and staff to deliver Strategic Defence projects. During his working of more than 15 years at NDC, he has been an active member of the team to develop and transform the strategic defence products at par with the World. Dr Shahid was actively involved in research supervision and post graduate teaching at several universities including NUST, UET Taxila, UET Peshawar, Hehria University and Iqra University. He contributed as a member of different study boards not limited to Board of Studies (BoS), Mechanical Engineering Department and Board of Advance Studies and Research (BOASAR), UET Peshawar. He is a resource person and Supply Chain Expert for NUST Business School (NBS) for their upcoming master programme of Supply Chain Management.

#### **Muhammad Waheed**

Muhammad Waheed works in Macroeconomic and Fiscal management Global Practice of the World Bank as a Senior Economist. His area of expertise covers fiscal management, monetary policy and exchange rate issue. He likes to work on expenditure management and service delivery concerns. He led work on Public Expenditure Reviews, Public Expenditure Tracking and Quality of Service Delivery Surveys. He is an ex-central banker and worked at Monetary Policy Department of State Bank of Pakistan—Central Bank.



#### **Syed Nisar Hussain Hamdani**

He is currently working as; Professor of Economics and Director Kashmir Institute of Economics. He has been the Dean Faculty of Arts, UAJK. Besides this he has served as Chairman, HEC National Sub-Committee on 'Economics', Convener, HEC Consultative Group for Social Sciences, Member, HEC Committee for Development of Social Sciences & Humanities in Pakistan, Member HEC National Curriculum Committee [Economics], Member, HEC Committee on Multi-disciplinary Journals, Evaluator of research grants proposals, National Research Program for Universities, HEC, Member HEC Special Committee for research journals, monitoring of research projects and development of SOPs for implementing HEC policies, Member Board of Governors, AERC, Karachi University, Subject Specialist Public Service Commission, Chairman, Education Reforms & Integration Committee, constituted by the President of AJK for reforms in general, technical and madrasah education and Member, State Domestic Commerce Development Committee, Government of AJ&K. Prof Nisar has Pioneered a new sub-discipline known as 'Divine Economics' since 1999; it has theoretical models, huge data sets, religiosity and spirituality indexes for economics, new lists of Universal Values, the first and the only national survey on





Trade and Environmental Issues based on Theoretical and Empirical Specifications of Modeling and Applications of Econometrics (Regression Models, Time Series Methods, Panel Data). He has published extensively and participated in a number of conferences.

**Abdul Qayyum**

Dr. Qayyum is working as Joint Director at PIDE. Previously he has served as Professor of Economics at the same Institute. He has done his PhD in Applied Econometrics from University of Bradford, UK. He has published extensively both in academic journals and edited books. He has supervised PhD and Mphil students in various fields of economics.



**Naeem Zamindar**

Mr. Naeem Zamindar served as the Pakistan Country Director of Acumen Fund. He led a team that successfully set up the Pakistan Fund initiative and made investments in social enterprises and leaders. Mr. Naeem was previously the CEO of Wateen Telecom, CSO of Mobilink, and a Senior Investment Manager at Intel Capital in Silicon Valley where he was involved in over 20 investments in high tech firms. Naeem Y. Zamindar was certified by the State of Washington as a CPA and has an MBA from the prestigious INSEAD Business School.



**Zafar Mueen Nasir**

Zafar Mueen Nasir is currently serving as the Vice Chancellor of Punjab University, which is the biggest and oldest university of Pakistan. Before joining Punjab University he was working as dean of the Management Department at American University in the Emirates. Dr. Nasir has also been with Pakistan Institute of Development Economics. He did his PhD from Kansas State University in the subject of Economics.



**Guntur Sugiyarto**

Guntur Sugiyarto is a Principal Economist, Pakistan Resident Mission (ADB). Guntur has published a significant number of papers on a wide range of development issues, such as competitiveness, investment, tourism economics, labor markets, poverty, CGE modeling, trade liberalization, taxation, commodity prices, biofuel and food security, education, infrastructure, fragility, and migration. Before joining ADB in 2004, he worked for the universities of Nottingham and Warwick in the United Kingdom and the Central Bureau of Statistics in Indonesia.





## ABOUT PIDE

Pakistan Institute of Development Economics is nationally and internationally recognized premier Institute of learning and research in the fields of development and economics with a special focus on Pakistan. PIDE is located at the Quaid-i-Azam University Campus, Islamabad facing the scenic Margalla Hills on the Potohar Plateau, within a short distance of the remains of Taxila, which once housed the world's oldest university.

Established as an Institute of Development Economics, Karachi in 1957 was given the status of an autonomous research organization and was renamed as Pakistan Institute of Development Economics (PIDE) in 1964. The institute was headed by well-known American and Canadian economists, Professor Emile Despres and Professor Irving Brecher with Dr. Gustav Ranis, Dr. Henry J. Bruton, Dr. Rishard C. Porter, Dr. Karol J. Krotki and Dr. C. Beringer as research advisors. In 1970, the Institute was shifted to Dhaka, leaving behind a very small office in Karachi. The same was relocated to Islamabad in 1972.

PIDE's area of work constitutes research, teaching and training. Over the past 60 years, PIDE has earned an international reputation and recognition for its research. The Institute's faculty has a rich and diverse background and the advisory committee consisted of world renowned economists such as Nobel Laureate Robert A. Mundell, Lawrence R. Klein, Paul P. Streeten and Gustav Ranis.

### Research Activities at PIDE

Focus of economic research has changed over the years. New researchable ideas and themes of economic analysis such as governance, institutions, globalization, environmental economics, health economics and regional connectivity have emerged. Technology has helped evolve newer methods of dissemination of research. PIDE has incorporated these new trends in its own research agenda and is endeavoring hard to direct national research in that direction. In addition to providing a firm academic basis to economic policy-making, its research also provides a window through which the outside world can view the nature and direction of economic research in Pakistan. PIDE also carry out research under intra-institutional or collaborative arrangements with several national and international organizations. Its research is globally acknowledged and RePEC (Research Paper in Economics) has ranked it among the top percent economic institutes in the world and 10th in Asia.

The institute publishes its research in the form of books, working papers, monographs, journal articles, and research reports for academia and learned audience. PIDE has also developed research products like PIDE Economy Watch, PIDE In-focus, PIDE's Budget View Point, PIDE's Macroeconomic Brief, PIDE Policy View Point etc.

To enhance knowledge and skills, an additional task of training in-service government officials was also assigned to PIDE. This step was based on the need to improve the understanding on the emerging economic issues and to improve their planning skills.

### Teaching Activities at PIDE

PIDE has started its PhD Program in economics in 2001. The motive was to build the indigenous pool of trained economists to assist in analyzing the complex economic and social issues confronting the country. Since its inception, the PhD Program has been gaining strength and PIDE has produced thirty Ph.Ds. who are working at the highly reputable national and international organizations such as State Bank of Pakistan, Planning Commission, World Bank, Quaid-i-Azam University and IMF, among others. The teaching Program was expanded to MPhil level in Economics, Economics and Finance, Development Economics, Public Policy, Health Economics, Econometrics and Statistics and MSc level programs in Economics and Business Studies.

## Research Divisions at PIDE



The emphasis of research has been changing from time to time with the changing needs of different eras; hence the research divisions at PIDE have been revamped in 2014. The research Program at PIDE is reorganized into seven main divisions.

### 1. Public Policy and Governance Division

PIDE has taken a lead role in initiating a Program of research that focuses on the role of public policy and governance in the development process. This division not only aims to explore new ideas and themes on governance, role of public policy and public policy formulation but also aims to study how quality of governance structures can be placed at the heart of various development strategies. Within the overarching theme of public policy and governance, the division is conducting research on education, natural resources, trade policy, fiscal policy, public finance and policy analysis. The division is also involved in collaborative research with other research divisions and government agencies. The division also publishes quarterly macroeconomic brief to indicate the current state of the economy.

#### RESEARCH STAFF

**Musleh ud Din**  
Professor/ Head of Division  
**Lubna Hasan**  
Senior Research Economist  
**M. Idrees Khawaja**  
Senior Research Economist  
**Nasir Iqbal**  
Assistant Professor  
**Faheem Jahangir Khan**  
Senior Research Economist  
**Omer Siddique**  
Research Economist  
**Usman Qadir**  
Research Economist  
**Unbreen Qayyum**  
Staff Economist

### 2. Macroeconomics and Growth Division

This Division deals in areas related to macroeconomic policy that plays an important role in macroeconomic stabilization and in stimulating the economic growth. The division aims to provide guidance to policy makers regarding the perception of the public on the state of economic activities. The research

#### RESEARCH STAFF

**Abdul Qayyum**  
Joint Director/ Head of Division  
**Rizwana Siddiqui**  
Senior Research Economist  
**Ayaz Ahmed**  
Senior Research Economist

conducted by the division covers important areas including monetary policy, stock market, debt sustainability, corporate governance, foreign aid and foreign direct investment. The division is also actively involved in improving the researcher's technical capabilities through the training courses.

### 3. Trade and Industry Division

Trade and industry are the keys sectors that play an essential role in the development process of an economy; it helps the economy by generating employment opportunities as well. International trade is not only improving the industrialization capacity, it also perks up the productivity as well as the choices to the consumer. Furthermore, to reap the benefits of globalization, Pakistan needs to enhance her share of exports in the world markets through better productivity, improved product quality and greater supply capacity. The Trade and Industry Division at PIDE aims at addressing the emerging issues in the field of international economics and industrial economics. The research Program relating to industrial economics includes industrial restructuring, implication of changes, growth in the manufacturing sectors, analysis of automobile sector, industrial concentration, role of small scale enterprises and efficiency of industry.

### 4. Agriculture and Environment Division

The importance of food, water, and healthy environment for survival of mankind cannot be undermined. Efficient use and conservation of environmental resources are critical for long term sustainable economic development. Research on agriculture and environment and their inter-linkages is, thus, pertinent to address the very question of survival of human beings and their position in the socio-economic structure of the society. However, the research on agriculture and environment is a complex exercise involving multidisciplinary expertise and diverse data reporting by a range of organizations and agencies.

**Hafsa Hina**  
Assistant Professor  
**M. Ali Kemal**  
Research Economist  
**Saba Anwar**  
Research Economist  
**Muhammad Azhar**  
Research Economist  
**Henna Ahsan**  
Research Economist  
**Haider Ali**  
Lecturer

### RESEARCH STAFF

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Professor/ Head of Division  
**Fazal Hussain**  
Dean, Faculty of Social Sciences  
**Tariq Mahmood**  
Senior Research Economist  
**Afia Malik**  
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**Abdus Sattar**  
Staff Economist  
**Rafat Mahmood**  
Staff Economist  
**Sundus Saleemi**  
Staff Economist

The Agriculture and Environment Division at PIDE aims at catering to the needs of the country and the region in the above mentioned dimensions and to build collaborations for interdisciplinary research activities on issues related to environment, climate change, and agriculture and food security.

#### **5. Population, Poverty and Labor Market Dynamics Division**

The ongoing demographic transition in Pakistan has also provided the society an opportunity through the growing share of working age population and lowering dependency ratios to achieve high and sustained economic growth and reduction in poverty as happened in East Asia. Investment in young population, particularly in their skill development, and provision of productive employment are the prerequisites to grab the opportunity provided by the demographic transition. Moreover, one of the big challenges facing Pakistan today is Poverty reduction. The population, Poverty and Labor Market Dynamics Division has focused its research program on demographic transition, poverty dynamics, incidence of chronic and transition poverty, youth employment, gender dimension in rural and urban migration, changes in the age at marriage, reproductive health, and internal and international migration.

#### **6. Project Evaluation and Training Division**

Human resource development and innovative research are crucial elements for the economic development of a nation. Training not only increases the knowledge but also enhances skills and brings the positive change in attitude. This Project Evaluation and Training Division fulfills both the aims which are necessary for professional as well as economic growth. The Division conducts specialized training courses for in-service officers. The target group includes development practitioners, working government officials, semi-government departments, autonomous development organizations and non-government organizations. The division also provides special tailor-made training courses along with regular training programs.

#### **RESEARCH STAFF**

**Durr-e-Nayab**  
Joint Director/ Head of Division  
**Usman Ahmad**  
Senior Research Economist  
**Mahmood Khalid**  
Senior Research Economist  
**Zulfqar Ali**  
Assistant Professor  
**Tahira Ishaq**  
Staff Economist  
**Saman Nazir**  
Staff Demographer  
**Rizwan ul Haq**  
Assistant Professor  
**Shujat Farooq**  
Assistant Professor  
**Feriyal Amal Aslam**  
Assistant Professor  
**Raja Ajmal Jahangir**  
Staff Economist

#### **RESEARCH STAFF**

**Usman Mustafa**  
Professor/ Head of Division  
**Syed Abdul Majid**  
Research Economist  
**Anwar Hussain**  
Research Economist  
**Hafiz Hanzla Jalil**  
Research Economist  
**Iftikhar Ahmad**  
Assistant Professor  
**Saghir Mushtaq**  
Staff Economist  
**Mariam Mohsin**  
Lecturer



## 7. Applied Econometrics Division

Econometric methodology is based on logical positivist principles. The rise and fall of logical positivism is the most spectacular philosophical story of the twentieth century. Rising to prominence in the second quarter of the twentieth century, it swept away all contenders, and became widely accepted throughout the academia. Logical positivism provided a particular understanding of the nature of knowledge, as well as that of science and of scientific methodology. The foundations of the social sciences were re-formulated in the light of this new understanding of what science is. Later on, it became clear that the central tenets of the positivist philosophy were wrong. The foundations of economics continue to be based on erroneous logical positivist ideas, and hence required radical revisions. Since logical positivism has collapsed, it is necessary to re-think these foundations. We show that positivist methodology has led econometricians to a meaningless search for patterns in the data. An alternative methodology which relates observed patterns to real causal structures is proposed and this Division is devoted for this task.

### RESEARCH STAFF

**Asad Zaman**  
Vice Chancellor/ Head of Division  
**Attiya Yasmin Javid**  
Professor  
**Samina Nazli**  
Research Economist  
**Jafar Hussain**  
Research Economist  
**Azkar Ahmad**  
Research Economist  
**Amena Urooj**  
Assistant Professor  
**Muhammad Javed**  
Assistant Professor  
**Muhammad Ramzan**  
Lecturer  
**Zainab Iftikhar**  
Research Economist  
**Pervaiz Akhtar**  
Associate Staff Economist

**Day 1 – December 12, 2017**

11:30 a.m. – 01:00 p.m.

**ALLAMA IQBAL LECTURE**

*Crystal Ball Room*

*Theme:* **Science, Technology & Innovation for Socio-economic Development**

**Chairperson**

Neil Buhne

UN Resident Coordinator and

UNDP Resident Representative in Pakistan

**Invited Speaker**

Atta-ur-Rahman, FRS

NI, HI, SI, TI

Patron-in-Chief

The Hussain Ebrahim Jamal Research Institute  
of Chemistry, University of Karachi

**Discussants**

- (1) Muhammad Masoom Yasinzai  
Rector  
International Islamic University Islamabad (IIUI)
- (2) Muhammad Nadeem Javaid  
Chief Economist  
Government of Pakistan
- (3) Rehana Siddiqui  
Professor  
Pakistan Institute of Development Economics (PIDE)

01:00 p.m. – 02:00 p.m.      LUNCH

## Day 1 – December 12, 2017

02:00 p.m. – 03:30 p.m.

### FIRST PARALLEL TECHNICAL SESSIONS

**Industrial development; Job creation,  
Special Economic Zones and Urban  
Development**

*Crystal Ball Room – A*

*Chairperson:* Zafar Mahmood  
Professor, National University  
of Sciences and Technology  
(NUST), School of Social  
Sciences & Humanities (S3H),  
Islamabad

- 1. Causes of Long term Unemployment: a  
Case Study of Survival Analysis**  
Sheeba Tahir
- 2. Small and Medium Enterprises: Pivotal  
to Inclusive Growth in Punjab**  
Hafiz Ghulam Mujaddad, S. M. Naem  
Nawaz, Mumtaz Anwar
- 3. Determinants of Industrial Growth in  
South Asia: Evidence from Panel Data  
Analysis**  
Annus Azhar, M. Avais Tahir, Khawar  
Ata, Shahid Adil
- 4. Relative Attraction Of Cities And Inter-  
City Migration An analysis using the  
Gravity Setup**  
Munazah Nazeer

#### DISCUSSANTS:

- (1) Usman Qadir  
PIDF, Islamabad
- (2) Nadeem Ahmed  
Planning Commission, Islamabad

**General Discussion**

**Financial Liberalization and Business  
Development**

*Crystal Ball Room – B*

*Chairperson:* Usman Mustafa  
Professor, Pakistan Institute of  
Development Economics  
Islamabad

- 1. Appearance of Inefficiency in National  
Banking**  
Sohail Zafar, Nadeem Malik, Francesco  
Aielloc
- 2. How far, how different: A fresh  
assessment of structural transformation  
in SAARC countries**  
Uzair Ahson, Saima Sarwar
- 3. Modeling Foreign Exchange Risk In A  
Managed Float Regime: Challenges For  
Pakistan**  
Jamshed Y. Uppal, Syeda Rabab  
Mudakkar
- 4. Identifying Systemically Important  
Financial Institutions for BRICS and  
Pakistan**  
Shumaila Zeb, Abdul Rashid

#### DISCUSSANTS:

- (1) Arshad Khan  
CIIT, Islamabad
- (2) Arshad Hassan  
CUST, Islamabad

**General Discussion**

## Day 1 – December 12, 2017

02:00 p.m. – 03:30 p.m.

### FIRST PARALLEL TECHNICAL SESSIONS

#### Financial Liberalization and Business Development

##### *Margalla*

*Chairperson:* Ahmed Masood Khalid  
Dean, UBD School of Business  
and Economics, Professor of  
Economics,  
University Brunei Darussalam

- 1. Impact of Interbank Liquidity on Monetary Transmission Mechanism: A Case Study of Pakistan**  
M. Omer, Jakob de Haan, Bert Scholtens
- 2. Financial Development, Financial Liberalization and Institutions Nexus in selected Sample of Middle Income Countries**  
Priscilla Pervez, Samia Nasreen
- 3. Financial Constraints, Firms' Investments And Performance Of Manufacturing Sector Of Pakistan; A Cross Industry Analysis**  
Shagufta Ahmad, Shahid Mansoor Hashmi
- 4. Financial Liberalization And Economic Growth: A Panel Investigation**  
Syed Fareed Ullah, Shahid Mansoor Hashmi

#### DISCUSSANTS:

- (1) Farecha Armughan  
Higher Education Commission  
Islamabad
- (2) Attiya Y. Javed  
PIDE, Islamabad

#### General Discussion

- (1) **Brain and Brawn for Change; Academic Diaspora, Migration and Remittances**
- (2) **Industrial development; Job creation, Special Economic Zones and Urban Development**

##### *Noor Mahal*

*Chairperson:* Safdar A. Sohail  
Director General  
National Institute of  
Management (NIM)  
Islamabad

- 1. Institutional Quality, Human Capital and Exports: An Empirical Investigation**  
Shaheen Naseer, Inayat Ullah Mangla
- 2. Fair-trade And Workers' Welfare: A Case Study Of The Soccer Industry In Pakistan**  
Javeria Younas Abbasi, Musleh Ud Din
- 3. Industrial exports of Pakistan and competition from China in global market**  
Asia Naseem, Khalid Mushtaq, Burhan Ahmad
- 4. How to boost exports through CPEC? Applying Growth Identification and Facilitation Framework to Pakistan**  
M. Ishtiaq, Adnan Khan, M. Sohail

#### DISCUSSANTS:

- (1) Rashida Haq  
Formerly at PIDE, Islamabad
- (2) Ahsan Abbas  
CE-CPEC, PIDE, Islamabad

#### General Discussion



**Day 1 – December 12, 2017**

03:30 p.m. – 05:00 p.m.

**SPECIAL PANEL**

*Crystal Ball Room*

*Title:* **Tribute to PIDE: Commemorating 60 Years  
of Excellence in Research**

*Convenor:*

**Dr. Durre Nayab  
Joint Director PIDE**

05:00 p.m. – 05:30 p.m.    TEA

**Day 1 – December 12, 2017**

05:30 p.m. – 07:00 p.m.

**MUHAMMAD IRFAN MEMORIAL LECTURE**

*Crystal Ball Room*

*Theme:* **Becoming a Learning Organization**

**Chairperson**

Tariq Bajwa

Governor State Bank of Pakistan

**Invited Speaker**

Asim Ijaz Khawaja

Sumitomo-FASID Professor of International  
Finance and Development

Harvard Kennedy School, Harvard University

**Discussants**

- (1) Guntur Sugiyarto  
Principal Economist, Pakistan Resident Mission (PRM), ADB
- (2) Ahmed Masood Khalid  
Dean, UBD School of Business and Economics, Professor of Economics,  
University Brunei Darussalam
- (3) Ather Maqsood Ahmed  
Professor of Economics  
S3H, National University of Sciences and Technology (NUST)

07:00 p.m.      Dinner

## Day 2 – December 13, 2017

08:30 a.m. – 10:00 a.m.

### SECOND PARALLEL TECHNICAL SESSIONS

- (1) **Tapping the Regional Economic Integration; CPEC, ECO, SAARC, ASEAN**
- (2) **Quest for Prosperity; Indigenous Experiences, New Paradigms, Sustainability and Suitability**

#### *Crystal Ball Room – A*

*Chairperson:* Amir Khan  
Head of Policy Division  
CE-CPEC, Islamabad.

1. **Getting Our Act Together: A Case of Improving Trade Facilitation in South Asia**  
Azceem Arslan Hassan, M. Irfan Malik, M. Hassan Hameed Khan, Mumtaz Anwar
2. **General Equilibrium Analysis of Pakistan's Free Trade Agreements: A Global CGE Approach**  
Naseeb Zada
3. **Imminent Prosperity at the Doorsteps of Households: Evidence from Socio-kinetics of Rashakai Economic Zone Using Innovative Two Point Model**  
Ejaz Gul, Imran Sharif Chaudhry
4. **Prosperity and Instability: An Evaluation of Legatum Prosperity Index**  
Abdul Jalil Khan, Rizwan Ahmed

#### DISCUSSANTS:

- (1) Farhat Mahmood  
PIDE, Islamabad
- (2) Talat Anwar  
PIDE, Islamabad

#### General Discussion

#### **Agricultural Reforms; modernization and Agro-based Industrial development**

#### *Crystal Ball Room – B*

*Chairperson:* Munir Ahmed  
Former Joint Director  
PIDE, Islamabad

1. **Enhancing Agriculture Efficiency: The Differential Impact of Communication Technologies And Other Modernization Techniques**  
Annus Azhar, Javeria Khalid, Avais Tahir, Shahid Adil
2. **Assessment of Water Sources Other than Satpara Nullah Irrigating SDP Command Area**  
AKRSP, University of Peshawar
3. **Analysis of Reactive Adaptations By Rice Farmers Towards Climate Change-A Case Study Of Rice-Wheat Zone Of Punjab, Pakistan**  
Rabia Shahid, Irfan Ahmad Baig
4. **Impact of Agricultural Land Inequality on Human Development in Punjab**  
M. Qasim, Zahid Pervaiz  
Amatul R. Chaudhary

#### DISCUSSANTS:

- (1) Abedullah  
PIDE, Islamabad
- (2) Anwar Hussain  
PIDE, Islamabad

#### General Discussion

## Day 2 – December 13, 2017

08:30 a.m. – 10:00 a.m.

### SECOND PARALLEL TECHNICAL SESSIONS

#### Macroeconomic Policies in Changing Global & Local Landscape.

##### *Margalla*

*Chairperson:* Eatzaz Ahmed  
State Bank of Pakistan  
Chair Professor  
University of Peshawar

1. Impact of Technical Barriers to Trade and Sanitary and Phytosanitary Measures on Pakistan Exports  
Noor-e-Hera, Saima Shafique, Amir Mustafa
2. Medium Term Budgetary Framework Issues, Challenges and Prospects In Pakistan  
Saif Ullah Khalid, M. Jhangir Khan, Karim Khan
3. Monetary Policy Regimes: Exchange Rate and Inflation Dynamics in Pakistan  
Safia Minhaj, Mohammed Nishat
4. Business Cycle Decomposition and its Determinants: An evidence from Pakistan  
Usama Ehsan Khan, Syed Monis Jawed

#### DISCUSSANTS:

- (1) Atiq Ur Rehman  
PIDE, Islamabad
- (2) Adnan Haider  
IBA, Karachi

#### General Discussion

#### Macroeconomic Policies in Changing Global & Local Landscape.

##### *Noor Mahal*

*Chairperson:* Abdul Qayyum  
Joint Director  
PIDE, Islamabad

1. Government Borrowing And Macroeconomic Dynamics Of Pakistan  
Mudassar Rashid, M. Abeer Farooq, Shahzada M. Naeem Nawaz
2. Finding the Tipping Point When Sovereign and Domestic Debt Turn Bad: A Case of Pakistan  
M. Ali Shah, M. Iftikhar ul Husnain  
M. Arshad Khan, Ancel Salman  
M. Aamir Khan
3. How Tariff Reduction Impact Global Economy- A Case Of Wood Economy Of Pakistan  
Arshad Mahmood Malik
4. Modeling the Shadow Economy and Its Dynamics In Case of Pakistan  
Sumcet Ashok, Ahsan Ul Haq  
Mahmood Khalid

#### DISCUSSANTS:

- (1) Ahsan ul Haq Satti  
PIDE, Islamabad
- (2) Saud Ahmed Khan  
PIDE, Islamabad

#### General Discussion



**Day 2 – December 13, 2017**

10:00 a.m. – 11:00 a.m.

**SPECIAL INVITED LECTURE**

*Crystal Ball Room*

**Keynote Address**

**Professor Ahsan Iqbal**  
Federal Minister for Interior /  
Minister for Planning, Development and Reforms  
Government of Pakistan

11:00 a.m. – 11:30 a.m. TEA

## **Day 2 – December 13, 2017**

11:30 a.m. – 01:00 p.m.

### **FIRST PANEL DISCUSSION**

*Crystal Ball Room*

**Title: Agricultural Reforms; Modernization and Cluster-based Agro-Business Development**

#### **Chairperson**

Shoaib Ahmed Siddiqui

Secretary

Planning, Development and Reforms

#### **Moderator**

Stephen Davies

Senior Research Fellow IFPRI

#### ***Panellists:***

1. M Ejaz Qureshi  
Research Program Manager,  
Agricultural Development Policy,  
ACIAR, Australia
2. Mubarik Ali  
Former Member  
(Food Security and Climate Change),  
Planning Commission of Pakistan
3. Xiaobo Zhang  
Professor, National School of Development,  
Peking University, China
4. Marcel Stallen  
Chief Technical Advisor /  
Project Manager (Balochistan),  
FAO

01:00 p.m. – 02:00 p.m.

LUNCH

## **Day 2 – December 13, 2017**

02:00 p.m. – 03:30 p.m.

### **MAHBUB-UL-HAQ LECTURE**

*Crystal Ball Room*

*Theme:* **Macroeconomic Research and Policy Making:  
Processes and Agenda**

#### **Chairperson**

Ishrat Hussain

Professor Emeritus and Chairman CEIF, IBA

#### **Invited Speaker**

**Nadeem ul Haque**

Former Deputy Chairman Planning Commission

#### **Discussants**

1. Hamza Ali Malik  
Macroeconomic Policy and Financing  
for Development Division, UNESCAP
2. Muhammad Waheed  
Senior Economist  
World Bank
3. Wasim Shahid Malik  
State Bank of Pakistan  
Chair Professor  
University of Balochistan

03:30 p.m. – 04:00 p.m.

TEA

**Day 2 – December 13, 2017**

04:00 p.m. – 05:30 p.m.

## **SECOND PANEL DISCUSSION**

*Crystal Ball Room*

*Title:* **Brain and Brawn for Change; Academic Diaspora, Migration and Remittances**

### **Chairperson**

**Zafar Mueen Nasir**

Vice Chancellor, Punjab University

### **Panellists:**

1. Waqar Masood Khan  
Former Federal Finance Secretary
2. Mahmood-Ul-Hassan But  
Consultant HEC
3. G.M. Arif  
Former Joint Director - PIDE
4. Sakib Sherani  
Founder & Chief Executive  
Macro Economic Insights
5. Vaqar Ahmed  
Deputy Executive Director, SDPI

**General Discussion**



## Day 3 – December 14, 2017

09:00 a.m. – 11:00 a.m.

### THIRD PARALLEL TECHNICAL SESSIONS

1. **Innovation, Productivity and Economic Growth & Industrial Development**
2. **Tapping the Regional Economic Integration: CPEC, ECO, SAARC, ASEAN**

#### *Crystal Ball Room – A*

*Chairperson:* Rehana Siddiqui  
Professor  
PIDE, Islamabad

1. **Quantifying firm level innovation in Pakistan and its consequences for public policy**  
Izza Aftab
2. **Developing a Diverse Industrial Structure for Long-Term Growth: A Critical Analysis of Pakistan's Industrial Planning**  
Nazeef Ishtiaq, Ahmed Chaudhry
3. **Do Income Growth and Trade Expansion Reallocate the Ecological Footprints? A case study of Pakistan**  
M. Imran Khan, Fatima Athar
4. **Nexus between Socio-Economic Impact Of CPEC And Tolerance: A Case Study Of District Peshawar**  
M. Adil Saleem, Wasim Shahid Malik, Asma Saeed

#### DISCUSSANTS:

- (1) Karim Khan  
PIDE, Islamabad
- (2) Muhammad Ali Kemal  
Planning Commission, Islamabad

#### **General Discussion**

1. **Quest for Prosperity; Indigenous Experiences, New Paradigms, Sustainability and Suitability**
2. **Social Capital and Economic Growth: Tolerance, Harmony and Trust**

#### *Crystal Ball Room – B*

*Chairperson:* Akhtar Hussain Shah  
Secretary  
Govt. of KP, Peshawar

1. **Multidimensional Child Poverty Measurement and its Mapping: Case of Balochistan, Pakistan**  
Abdul Hameed, Ihtsham ul Haq Padda
2. **Impact of Institutional Trust on Subjective Well-being in Selected Asian Countries**  
Rabia Kalsoom, Aisha Asif, Muhammad Rizwan Yaseen
3. **Effect of Social Capital on Economic Growth: A Case Study of Pakistan (1980-2016)**  
Sadia Safdar, Azra Khan, Farzana Shaheen, Schar Munir
4. **An Inquiry into Social Capital and Economic Growth Relation and Determinants of Social Capital: A Worldwide Perspective.**  
Muhammad Nadeem

#### DISCUSSANTS:

- (1) Muhammad Nasir  
PIDE, Islamabad
- (2) Nasir Iqbal  
BISP, Islamabad

#### **General Discussion**

11:00 a.m. – 11:30 a.m. TEA

## Day 3 – December 14, 2017

09:00 a.m. – 11:00 a.m.

### THIRD PARALLEL TECHNICAL SESSIONS

#### Financial Liberalization and Business Development

##### *Margalla*

*Chairperson:* Inayat U. Mangla  
Professor of Finance Emeritus  
Western Michigan University

1. Emergence of Financial Inclusion in Developing Economics: A Case Study of China and Pakistan  
Ramiz-ur-Rehman, Inayat U. Mangla
2. Role of Financial Sector Development in the Growth Effectiveness of Trade Openness: Empirical Evidence from SAARC Countries  
Mirajul Haq, Ms. Aliya Jabeen, Iftikhar Ahmad
3. Improving Framers Access to Finance: Reforming the Ginning Industry role in Cotton Value Chain  
Khalid Mushtaq, Asad Naseer
4. Changing Pattern of Pakistan Stock Exchange Convergence from Global Market to Chinese Market after the CPEC Agreement  
Abdul Wahid, M. Zubair Mumtaz

#### DISCUSSANTS:

- (1) Abdul Jalil  
PIDE, Islamabad
- (2) Muhammad Jamil,  
QAU, Islamabad

#### General Discussion

1. Quest for Prosperity; Indigenous Experiences, New Paradigms, Sustainability and Suitability
2. Agricultural Reforms; modernization and Agro-based Industrial development
3. Macroeconomic Policies in Changing Global & Local Landscape.

##### *Noor Mahal*

*Chairperson:* Syed Nasir Hussain Hamdani  
Prof. of Economics & Director  
Kashmir Inst. of Economics,  
University of AJK.

1. Food Consumption Patterns and Nutrition Disparity in Pakistan  
Adnan Haider, Masroor Zaidi
2. Macroeconomic Policies and Output Loss from Sudden Stop of FDI  
Mehdi Yazdani
3. Foreign Remittances and Poverty Alleviation in Pakistan  
Ahmed Raza Cheema, Ian Coxhead
4. Diarrheal Diseases Due To Unsafe Drinking Water In Pakistan: A Defensive Behavior Approach  
Muhammad Sameer Kayani  
Salik Javed Barry, Fizzah Iftikhar  
Allawala, Heman Das Lohano

#### DISCUSSANT:

- (1) Hafsa Hina  
PIDE, Islamabad
- (2) Muhammad Jhangir Khan  
PIDE, Islamabad.

#### General Discussion

11:00 a.m. – 11:30 a.m. TEA

## **Day 3 – December 14, 2016**

11:30 a.m. – 01:00 p.m.

### **THIRD PANEL DISCUSSION**

*Crystal Ball Room*

*Title:* **Social Capital and Economic Growth:  
Tolerance, Harmony and Trust**

#### **Chairperson**

Naela Chohan

H.E. Pakistan Ambassador to Australia

#### **Panellists:**

1. Izhar Ali Hunza,  
Former General Manager AKRSP
2. Max Lawson  
Head of Inequality Policy  
OXFAM International
3. Dr. Asma Hyder  
Member Social Sector  
Planning Commission
4. Vilayat VALIYEV  
Director, Institute of Scientific  
Research Economic Reforms (ISRER)  
Ministry of Economy and Industry, Azerbaijan
5. Pervez Tahir  
Chairman Bank of Punjab

01:00 p.m. – 02:00 p.m.

LUNCH

## **Day 3 – December 14, 2017**

02:00 p.m. – 03:30 p.m.

### **FOURTH PANEL DISCUSSION & BOOK LAUNCH**

*Crystal Ball Room*

**Title: Industrial Development; Job Creation, Special Economic Zones and Urban Development**

#### **Chairperson**

Naeem Y. Zamindar

Chairman, Board of Investment (BOI)

#### **Lead panellist and Moderator**

Shahid Rashid

Executive Director

CE-CPEC, PIDE

#### **Panellists:**

1. Tariq Banuri, SI  
Executive Director  
Global Change Impact Studies  
Centre (GCISC)
2. Anjum Assad Amin  
Additional Secretary, M/O Commerce
3. Aliya H. Khan  
Professor/ Former Dean Social Sciences  
QAU, Islamabad
4. Ijaz Shafi Gilani  
Chairman, Gallup Pakistan
5. Azhar Zia-ur-Rehman  
Governance, Assurance, Cyber Security  
BIM & IT Executive



**Day 3 – December 14, 2017**

04:00 p.m. – 05:30 p.m.

## **QUAID-I-AZAM LECTURE**

*Crystal Ball Room*

**Theme: Quest for Prosperity; Culture and Economy**

### **Chief Guest / Chairperson**

Shoaib Sultan Khan

SI, HI, SE

Chairman Board of Directors

Rural Support Programmes Network

### **Invited Speaker**

Asad Zaman

Vice-Chancellor

PIDE, Islamabad

### **Discussants**

1. Qazi Asmat Esa,  
CEO, PPAF
2. Ashfaque Hassan Khan  
Professor of Economics  
S3H, National University of Sciences  
and Technology (NUST)
3. Nuzhat Ahmad  
CEO, Capstone Consulting International

## **BUSINESS SESSION**

### ***Crystal Ball Room***

*Chairperson:* President  
Pakistan Society of Development Economists

#### ***AGENDA :***

1. Vote of Thanks
2. Proposed Theme of the 34<sup>th</sup> Annual General Meeting and Conference
3. General Discussion

**End of the Programme**



## The 33<sup>rd</sup> AGM and Conference Core Committee

Ejaz Ghani

Mahmood Khalid

Adnan Akram

Fizzah Khalid Butt

Saba Anwar

Azizullah

Secretary

Co-secretary

Joint Secretary

Joint Secretary

Joint Secretary

Assistant Registrar

### Secretariat

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