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Research Dialogue on

**Emerging Economy Perspectives and Priorities
In the New Multi-polar World**

Food, Energy and Health Security:
What Roles for Technological and Institutional Innovations?

Beijing, China

November 13th-15th, 2011

Programme

Sunday, November 13

All day

Arrival of International Participants

18:30 hrs

Meet in the lobby of the Wenjin Hotel
And short walk to the Restaurant

18:45 hrs

Welcome Dinner

Venue: Quanjude Restaurant (Beijing Duck)
1/F, Block A.C, SP. Tower, Tsinghua Science Park
Haidian District, Beijing
Tel: +86(10)82150018

Monday, November 14

- 09:00 hrs** **Depart hotel**
Meet in the lobby of the Wenjin Hotel; transfer arranged by the School of Public Policy and Management (SPPM) at the Tsinghua University
- 09:20 - 09:30 hrs** **Registration**
Meeting Room 302
SPPM, Tsinghua University
- 09:30 - 10:30 hrs** **Inaugural Session**
- Word of Welcome:**
Prof. Lan XUE, Dean of SPPM, Tsinghua University
- Inaugural Address:**
Amb. Yuanying PEI, Former Chinese Ambassador to India
- Opening Remarks:**
Dr. Stephen McGurk, Regional Director, IDRC
- Conference Overview and Vote of Thanks:**
Dr. Pooja Sharma, Senior Fellow, ICRIER
- 10:30 - 10:35 hrs** Group Photo in front of SPPM
- 10:35 - 11:00 hrs** *Tea/Coffee*
- 11:00 - 13:00 hrs** ***Dialogue I: Health***
(Issue: Financing of universal health care coverage)
- Chair: Dr. Yiming SHAO**, Chief Expert, National Center for AIDS/STD Control and Prevention (NCAIDS)
- Key Panelists:**
- Prof. Gordon LIU** (China)
 - Prof. Wei ZHANG** (China)
 - Prof. Christina Possas** (Brazil)
 - Dr. Phusit Prakongsai** (Thailand)
 - Dr. A. K. Shiva Kumar** (India)
- 13:00 - 14:30 hrs** *Lunch* (Short walk to the restaurant)
Jingchun Garden on Tsinghua Campus

14:30 - 16:00 hrs

Dialogue II: Energy, Environment and Climate Change
(Issue: Role of public policy and technology and innovation in promoting energy security)

Chair: Prof. Ye QI, Director, Climate Policy Initiative,
Tsinghua University

Key Panelists:

Prof. Jose Moreira (Brazil)

Dr. Kejun JIANG (China)

Dr. Joyashree Roy (India)

16:00 - 16:30 hrs

Tea/Coffee

16:30 hrs

Transfer to Wenjin Hotel; transfer arranged by SPPM

18:30 hrs

Cocktails and Dinner

Lantingxu Restaurant

3rd floor in Wenjin Hotel

Tuesday, November 15

08:30 hrs

Depart hotel (Meet in the lobby of the Wenjin Hotel; transfer arranged by SPPM)

9:00 - 11:00 hrs

Dialogue III: Technology and Innovation

(Issue: Role of institutions and policies in promoting innovation)

Chair: Prof. Zheng LIANG, SPPM, Tsinghua University

Key Panelists:

Prof. Mario Cimoli (Mexico)

Prof. Banji Oyelaran-Oyeyinka (Kenya)

Dr. Tarek H. Selim (Egypt)

Dr. Rajeswari Raina (India)

Prof. Lan XUE (China)

11:15-11:30 hrs

Tea/Coffee

11:30-14:00 hrs

Dialogue IV: Agriculture, Food Security and Livelihood
(Issue: Role of and challenges faced by small holder agriculture)

Chair: Mr. Changbao ZHAO, Deputy Director, Research Center for the Rural Economy, Ministry of Agriculture, China

Key Panelists:

Dr. Tengku Ariff (Malaysia)

Prof. Antonio Buainain (Brazil)

Prof. Erol Hasan Cakmak (Turkey)

Prof. Mahendra Dev (India)

Dr. Xiaobing WANG (China)

Prof. Antonio Yunez-Naude (Mexico)

14:00-15:00 hrs

Lunch (Lunchbox at SPPM)

15:00-16:30 hrs

Conclusion Session

Chair: Prof. Lan XUE, Dean and Professor, SPPM

Highlights of the Four Dialogues:

Prof. Jose Moreira (Brazil)

Prof. Christina Possas (Brazil)

Prof. Zheng LIANG (China)

Mr. Changbao ZHAO (China)

Discussion

Final Comments:

Dr. Stephen McGURK, Regional Director, IDRC
Regional Office for South Asia and China

Dr. Pooja Sharma, Senior Fellow, ICRIER

16:30-17:00 hrs

Tea/Coffee

18:00 hrs

Dinner (Transfer to the restaurant; transfer arranged by SPPM)

Venue: **Baijia Dayuan Restaurant**

Lejia Garden, 15 Suzhou Street

Haidian District, Beijing

Tel: +8610-62658851 / 62654186

Participant List

Name	Title
Tengku Mohd Ariff Tengku Ahmad	Director, Economy and Technology Management Research Centre, Malaysian Agricultural Research and Development Institute (MARDI), Kuala Lumpur, Malaysia (tmariff@mardi.gov.my)
Antônio Márcio Buainain	Professor of Economics, Institute of Economics/ State University of Campinas; Senior Researcher of Campinas Foundation of Economics (Fecamp) and of Agricultural and Environment Economics Center - NEA-Institute of Economic – Unicamp); Associate Researcher of the Study Group on the Organization of Research and Innovation (GEOPI – Institute of Geo-Sciences – Unicamp) (buainain@gmail.com)
Erol H. Cakmak	Professor of Economics, Middle East Technical University, in Ankara, Turkey (cakmake@metu.edu.tr)
Mario Cimoli	Director, Division of Production, Productivity and Management at ECLAC, United Nations, and Professor of economics at the University of Venice (Ca'Foscari) (mario.cimoli@cepal.org)
S. Mahendra Dev	Director, Indira Gandhi Institute of Development Research (IGIDR), Mumbai, India (profmahendra@gmail.com)
Kejun JIANG	Research Professor and Director, Energy Systems Analysis and Market Analysis Division, Energy Research Institute, National Development and Reform Commission (kjiang@eri.org.cn)
A. K. Shiva Kumar	Development Economist and Adviser to UNICEF India (akshivakumar@gmail.com)
Zheng LIANG	Research Fellow and Assistant Director, China Institute for Science & Technology Policy at Tsinghua University (CISTP) (liangzheng@tsinghua.edu.cn)

Participant List

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- José Roberto Moreira** Professor of Physics and Energy, Institute of Electrotechnology and Energy, University of Sao Paulo
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- Antonio Yunez Naude** Professor and Director, Center of Economic Studies, El Colegio de Mexico (COLMEX)
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- Banji Oyelaran-Oyeyinka** Director, Monitoring and Research Division, UN-HABITAT, Nairobi, Kenya
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- Yuanying PEI** Former Chinese Ambassador to India
- Cristina Possas** Director of Graduate Programs (Master and Doctor Degree Programs) in Clinical Research at the Institute for Clinical Research (IPEC) in the FIOCRUZ's Hospital; Advisor for the Director of Bio-Manguinhos Institute
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- Phusit Prakongsai** Director, International Health Policy Program, Ministry of Public Health, Thailand
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- Ye QI** Cheung Kong Professor of Environmental Policy, School of Public Policy and Management, Tsinghua University; Director, Climate Policy Initiative, Tsinghua University
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- Rajeswari Raina** Scientist, National Institute of Science, Technology and Development Studies (NISTADS - CSIR)
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Participant List

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- Tarek H. Selim** Associate Professor of Economics, School of Business, American University in Cairo (AUC)
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- Yiming SHAO** Chief Expert on AIDS, Chinese Center for Disease Control and Prevention; Director, Department of the Research on Virology and Immunology at the National Center for AIDS/STD Control and Prevention
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- Pooja Sharma** Senior Fellow, Indian Council for Research on International Economic Relations (ICRIER), New Delhi
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- Xiaobing WANG** Research Fellow, Center for Chinese Agricultural Policy (CCAP), Chinese Academy of Sciences
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- Lan XUE** Professor and Dean, School of Public Policy and Management, Tsinghua University; Executive Vice President, Development Research Academy for the 21st Century; Director; China Institute for Science and Technology Policy
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- Wei ZHANG** Assistant Professor of Management, CEIBS; Director, CEIBS Health Care Policy and Management Center
(wzhang@ceibs.edu)
- Changbao ZHAO** Deputy Director, Research Center for Rural Economy of the Ministry of Agriculture; Research Fellow and Member of the Tenth All-China Federation of Youth
(changbao@rcree.org.cn)

Amb. Yuanying PEI



Born in February 1936 in Nanchang, Jiangxi province, Mr. Yuanying Pei studied Chinese at Nankai University as well as Literature at the University of Warsaw in Poland. In 1958, he began to work at the Ministry of Foreign Affairs, and served successively as Officer, Division Chief, Deputy Director for the Department of the Soviet Union and the East European Region, and Director of the Policy Planning Office. He was appointed as Ambassador to Poland, Lithuania, and later to India. After retiring in 1998, he was a member of the Special Research Team at the Ministry of Foreign Affairs. Currently he serves as a researcher for the China Foundation for International Studies, a privileged researcher at the Center of Socialist Studies of the China Academy of Social Sciences and a privileged researcher at China Center for Contemporary World Studies.

Dr. Stephen McGURK



Dr. McGurk is the Director of the Regional Office for South Asia and China of the IDRC. He is a development economist who has spent more than two decades studying China, Southeast Asia, and South Asia.

As Regional Director for South Asia and China, he leads an active program of research in a diverse region. Projects have ranged from helping Afghanistan rebuild its health and agriculture sectors, to supporting India's rollout of mobile communication technology and the Internet to 600,000 villages. Before joining IDRC, McGurk was the program officer for the Ford Foundation's economic security program in China. He also worked for eight years as a consultant and economist for the World Bank. His expertise lies in areas involving China, Southeast Asia, South Asia, social policy, economics, migration, environment, development finance, research funding.

McGurk holds a PhD and master's in development economics from Stanford University's Food Research Institute.

Mr. Tengku Mohd Ariff Ahmad



Mr. Tengku Mohd Ariff Tengku Ahmad is presently the Director, Economy and Technology Management Research Centre of the Malaysian Agricultural Research and Development Institute (MARDI), Kuala Lumpur, Malaysia. He has done his MA in Agricultural Economics from the Washington State University and his BSC Agriculture from University Pertanian Malaysia.

Professor Antônio Márcio Buainain



Professor Antônio Márcio Buainain, Doctor in Economics (State University of Campinas –Unicamp, in Brazil), BA in Economics and Law (State University of Rio de Janeiro). He is professor of economics, Institute of Economics/ State University of Campinas; Senior Researcher of Campinas Foundation of Economics (Fecamp) and of Agricultural and Environment Economics Center - NEA-Institute of Economic –Unicamp) and Associate Researcher of the Study Group on the Organization of Research and Innovation (GEOPI – Institute of Geo-Sciences – Unicamp).

His main areas of interest and research include economic development in general; agrarian reform, rural development and agricultural policies; Innovation, Science and Technology Policies and Issues, including Intellectual Property. Lately has been focusing on evaluation of socioeconomic impacts of public policies and internationally funded development projects.

Author and co-author of several books and articles on the above mentioned subjects (see complete academic CV at http://lattes.cnpq.br/3051627641_386529), Antonio Buainain is consultant to international organizations such the International Fund for Agricultural Development – IFAD, Interamerican Institute for Cooperation in Agriculture – IICA, Interamerican Development Bank – IDB and World Intellectual Property Organization – WIPO, amongst others.

In Brazil he has worked as Consultant Advisory in the Ministry of Science and Technology, Ministry of Agrarian Development and Ministry of Agriculture in the period 1996-2002.

Professor Erol H. Cakmak



Erol H. Cakmak is a Professor of Economics at the Middle East Technical University, in Ankara, Turkey. He obtained his B.S. and M.S. degrees from the Department of Economics, Middle East Technical University. He received his Ph.D. from the Stanford University.

He served as a consultant to the Undersecretariat of Treasury for the agricultural reform implementation project in Turkey. He has been involved in several Research Framework projects of the European Commission.

His research focuses mainly on the sectoral and economy wide impact analysis of domestic and international agricultural policy changes, including irrigation water pricing and management. His recent works have addressed the impact of climate change on Turkish agriculture in general equilibrium context.

Professor Mario Cimoli



Professor Mario Cimoli is Director of the Division of Production, Productivity and Management at ECLAC, United Nations, and Professor of economics at the University of Venice (Ca'Foscari).

He has obtained the DPhil at the SPRU (University of Sussex) in 1992, with a thesis that analyses the effect of technological-gaps and trade on growth in developing economies.

He has published several papers and books, including: *The Political Economy of Capabilities Accumulation: the Past and Future of Policies for Industrial Development* (with G. Dosi and J. E. Stiglitz (eds.), Oxford University Press forthcoming, 2009), *Elites and Structural Inertia in Latin America: An Introductory Note on the Political Economy of Development* (with S. Rovira, *Journal of Economic Issues*, vol.XLII N° 2, June, 327-347, 2008), *Trade openness and technological gaps in Latin America: A low growth trap* (with N. Correa in J. A. Ocampo (ed), *Beyond Reforms, Structural Dynamics and Macroeconomic Vulnerability*, Stanford University Press, 2005), *Structural Reforms, Technological Gaps and Economic Development. A Latin American Perspective* (with J. Katz, *Industrial and Corporate Change*, Oxford, 1993), *Developing Innovation System: Mexico in the Global Context*, (Pinter Publishers, 2001), *Technology, Growth and Development*, (with J. De la Mothe, Pinter Publisher, 2000), *Technological paradigms, patterns of learning and development: an introductory roadmap*, (with G. Dosi, *Journal of Evolutionary Economics*, 1995), *A Generalized Technology Gap Trade*

Participants' Profiles

Model (with L. Soete, *Economie Appliquée*, 1992), *Technological Gaps and Institutional Asymmetries in a North-South Model with a Continuum of Goods*, (*Metroeconomica*, 1988).

From 2004 he has been appointed as the Co Director (with Giovanni Dosi and Joseph Stiglitz) of two task forces: Industrial Policy and Intellectual Property Rights Regimes for Development (Initiative for Policy Dialogue, Columbia University, New York, www.policydialogue.org). He has awarded the Philip Morris Chair of International Business (2004) at the Sant'Anna School of Advanced Studies, University of Pisa (one month course on: Structural determinants of economic development and growth in the international doctoral program).

Professor S. Mahendra Dev



Professor S. Mahendra Dev is currently Director, Indira Gandhi Institute of Development Research (IGIDR), Mumbai, India. He was Chairman of the Commission for Agricultural Costs and Prices, Govt. of India, Delhi. He was Director, Centre for Economic and Social Studies, Hyderabad for 9 years during 1999 to 2008. He received his PhD from the Delhi School of Economics and his Post-doctoral research at the Economic Growth Centre, Yale University and was faculty member at the Indira Gandhi Institute of Development Research, Mumbai for 11 years. He was Senior Fellow at the Rajiv Gandhi Foundation during 1996-97 and Visiting Professor at the University of Bonn, Germany in 1999. He has written extensively on agricultural development, poverty and public policy, food security, employment guarantee schemes, social security, farm and non-farm employment.

Professor Dev has more than 100 research publications in national and international journals. Oxford University Press has recently published his book *Inclusive Growth in India*. Recently his book *Perspectives on Equitable Development* was released by the Prime Minister of India. He has a number of co-edited books, including *Management of Water Resources* published by Oxford University Press, *Social and Economic Security in India*, published by Institute for Human Development; *Towards A Food Secure India: Issues & Policies*, published by Institute for Human Development (IHD) and Centre for Economic and Social Studies (CESS); and *Andhra Pradesh Development: Economic Reforms and Challenges Ahead*, published by CESS. He has been a consultant and adviser to many international organizations, such as UNDP, World Bank, International Food Policy Research Institute, ILO, FAO, and ESCAP. He also conducted collaborative projects with IFPRI on food security and poverty. He has been a member of several government committees including the Prime Minister's Task Force on Employment and Rangarajan Commission on Financial Inclusion. He

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was member of several working groups for 9th, 10th and 11th Five Year Plans. He has received honors for eminence in public service.

Dr. Kejun JIANG



Research Professor and Director, Energy Systems Analysis and Market Analysis Division, Energy Research Institute, National Development and Reform Commission

Jiang Kejun is director of the Energy System Analysis and Market Analysis Division at the Energy Research Institute (ERI) of the National Development and Reform Commission. Jiang began research on climate change relative to energy policy analysis in 1993, focusing on energy technology policy assessment, energy supply policy assessment, renewable energy development and energy conservation. From 1997, Jiang participated in Working Group III of the International Panel on Climate Change Third Assessment Report and was a lead author for the IPCC Fourth Assessment Report (Working Group Three Chapter 3) and for GEO-4 Chapter 2. His recent studies include energy and emission scenarios, assessment on energy and fuel tax, research on China's potential to achieve its energy targets, and development of the Integrated Policy

Dr. A. K. Shiva Kumar



A.K. Shiva Kumar is a development economist and Adviser to UNICEF India. He has over 30 years of experience in development policy analysis, public management, policy assessments and evaluation. He is Visiting Professor at the Indian School of Business in Hyderabad and teaches economics and public policy at the Harvard Kennedy School. His research has focused on poverty and human development, basic education, health, social policy evaluation, and the impact of development policies on children and women. Shiva Kumar has been a regular contributor to UNDP's Human Development Reports and, over the years, has been associated with the preparation of several national Human Development Reports.

Shiva Kumar serves as a member of the National Advisory Council, the Central Council of Health and Family Welfare and the Mission Steering Group of the National Rural Health Mission. He also serves on the Board of non-governmental

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organizations including the Public Health Foundation of India, the International Center for Research on Women, the Institute for Human Development, the Centre for Science and Environment and Sanskriti Foundation. Between 1986-93, he was Research Associate at Harvard's Centre for Population and Development Studies and faculty member at the Harvard Kennedy School.

Shiva Kumar did his M.A. in Economics from Bangalore University and his Post Graduate Diploma in Management (equivalent of a MBA) from Indian Institute of Management, Ahmedabad. He also has a Masters in Public Administration and a Ph.D in Political Economy and Government, both from Harvard University. Shiva Kumar lives in New Delhi.

Professor Zheng LIANG



Dr. Zheng LIANG now serves as the research fellow and assistant director of China Institute for Science & Technology Policy at Tsinghua University (CISTP), which is jointly established by Ministry of Science and Technology (MOST) of China and Tsinghua University, mainly focus on the studies of S&T policy and the national strategy of S&T development. He is also the lecturer of the School of Public Policy and Management (SPPM), Tsinghua University.

Before entering Tsinghua, Dr. Liang served as the associate professor of the Business School in Nankai University. He got his doctor's degree of economics at Nankai University and published his monograph on the Economics of Science, Technology and Innovation (STI). The main areas of his research now focus on the theory and practice of NIS, comparison of S&T policies in different countries, and Globalization of R&D.

Professor Gordon G. Liu



Dr. Liu is a Professor of Economics at Peking University Guanghua School of Management; and Director of PKU China Center for Health Economic Research (CCHER). Prior to Peking University, he served as tenured associate professor at University of North Carolina at Chapel Hill (2000 – 2006); and assistant professor at the University of Southern California (1994 – 2000).

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Dr. Liu seats on the China State Council Health Reform Advisory Commission, and he is the current President of the Chinese Society for Pharmacoeconomics and Outcomes Research (CSPOR). He was the 2005-2006 President of the Chinese Economists Society (www.China-CES.org), and the founding chair of Asian Consortium for the International Society for Pharmacoeconomics and Outcomes Research (www.ISPOR.org).

Dr. Liu also serves as Co-Editor for the ISPOR official journal of Value in Health, Editor-in-Chief for the China Journal of Pharmaceutical Economics; and on the editorial board for Global Handbook of Health Economics, Chinese Journal of Health Economics, and European Health Economic Review. His primary research interests include health and development economics, health policy reform, and pharmaceutical economics.

Professor José Roberto Moreira



Professor José Roberto Moreira is a professor of Physics and Energy at the Institute of Electrotechnology and Energy, University of Sao Paulo, where he is the chairman of the National Reference Center on Biomass.

Within his academic activity worked as an energy expert at the Princeton University in 1979 - 1980 and in 1987 moved to the Institute of Electrotechnology and Energy - USP, and launched a graduate course in Energy and Environment. Joined the Intergovernmental Panel of Climate Change (IPCC), that is part of United Nations, as lead author and convening lead author since 1994 and was one of the 2007 Nobel Peace Prize laureate by his scientific work. In the last 15 years has worked for several United Nations Programs in many technical activities. Is author of more than 200 books and papers in the area of Nuclear Physics, Atomic Physics, Energy Conservation, Energy Planning and Environment. Is member of several national and international organizations.

Outside of the University had opportunities to be director and manager of three state enterprises, undersecretary of Energy at the Ministry of Mines and Energy in 1985 - 1986, executive director of Biomass Users Network - a NGO, from 1992-97, director of NEGAWATT a private engineering company and more recently provides consulting technical services for the multinational company MGM International for projects in the area of carbon credits.

Professor Antonio Yunez Naude



Professor Antonio Yunez Naude is professor and director, Center of Economic Studies, El Colegio de Mexico (COLMEX). He was educated at The London School of Economics and Political Science, University of London, where he obtained his PhD degree in Economics in 1986.

He is National Researcher, at the Mexican Council of Science and Technology, Associate Editor, Agricultural Economics, Member of Editorial Board of books in Economics and Public Administration, Fondo de Cultura Economica and has been Coordinator, Program for Studies of Economic Change and Sustainability of Mexican Agriculture.

He has several research publications to his credit.

Professor Banji Oyelaran-Oyeyinka



Professor Banji Oyelaran-Oyeyinka is currently Director, Monitoring and Research Division, UN-HABITAT, Nairobi, Kenya. He is a Professorial Fellow in Innovation and Development, United Nations University- MERIT, Maastricht, The Netherlands and Visiting Professor, Innovation and Development, The Open University, Milton Keynes, United Kingdom. His research interests are in Technology Policy, and Innovation Systems in Late Development; Sectoral Innovation Systems in Industry Small and Medium Enterprises; industrial clusters in Developing Countries and latecomer Industrialization and Economic Development. His recent book with Rajah Rasiah is titled: *Uneven Paths of Development: innovation and Learning in Asia and Africa* (Edward Elgar, 2009) and *Latecomer development: Knowledge and Innovation for Economic Growth* (Routledge, UK, 2009). His earlier book include "Learning to Compete in African Industry", Ashgate (2006). He is a board member of several academic journals and programmes including the ATPS, STEPS-IDS, Sussex, UK; the Initiative for Policy Dialogue (IPD), Columbia University among others.

Professor Cristina Possas

Professor Cristina Possas, PhD, is a social scientist with a Master Degree from the

Participants' Profiles



State University of Campinas (UNICAMP), São Paulo, in Social Sciences, and a PhD in Health Sciences and Public Health from the National School of Public Health, Oswaldo Cruz Foundation (FIOCRUZ), Rio de Janeiro, Brazil.

She is currently Director of Graduate Programs (Master and Doctor Degree Programs) in Clinical Research at the Institute for Clinical Research (IPEC) in the FIOCRUZ's Hospital and advisor for the Director of Bio-Manguinhos Institute, the FIOCRUZ's Unit responsible for vaccine development and production in Brazil .

In the last 8 years she had been in the federal government, as Head of the Research and Development Unit at the National STD-AIDS Program of the Brazilian Ministry of Health, responsible for launching National Calls for Research and Development in STD-AIDS, in cooperation with the World Bank, and for the National HIV Vaccine Policy .

She had been a post-doctoral student at Harvard School of Public Health, where she worked for many years as a visiting scientist, as a Takemi Fellow and Fulbright Fellow, in the New and Emerging Diseases Group.

She has published several books and articles in international journals, such as the Annals of the New York Academy of Sciences, World Bank publication on Health Policy and was editor of the special supplement Ethics in Genetic Manipulations of the journal Strategic Partnerships, 16(1), 2002.

She also wrote articles in books and journals on intellectual property and compulsory license of ARV drugs, including a chapter in a book The Political Economy of HIV/AIDS, Elgar Publishing, edited by French researcher Benjamin Coriat, in 2008.

Recently, in 2011, she organized a supplement as guest editor and published an article in the main international AIDS journal, JAIDS, on the AIDS Research Policy in Brazil.

Dr. Phusit Prakongsai



Phusit Prakongsai earned his PhD in Public Health and Policy from London School of Hygiene and Tropical Medicine in 2008, Medical Doctor Degree from Mahidol University in 1988, and a Certificate in Preventive Medicine from Thai Medical Council in 1993. He has 10 years of field experience in public health and health service management in three district hospitals in the rural area of Thailand from 1988 to 1998. He served as the principal investigator and

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co-investigator of several research on health system and policy, health insurance, and health care finance at the International Health Policy Program (IHPP), Bureau of Policy and Strategy, Ministry of Public Health from 1999 to present. He received the WHO long-term fellowship for pursuing his PhD study in London in 2002. He was appointed to be the director of International Health Policy Program (IHPP), Ministry of Public Health in October 2010.

Professor Ye QI



Dr. Ye Qi is Cheung Kong Professor of Environmental Policy at Tsinghua University School of Public Policy and Management, and Director of the Climate Policy Initiative at Tsinghua. He serves on the Science Steering Committee of the Global Carbon Project and advises governments, NGO's and international organizations on climate change, clean energy and environmental policy issues. Before he returned to China, Dr. Qi taught Environmental Science, Policy and Management at University of California, Berkeley from 1996 through 2003. He received a Ph.D. in Environmental Science in 1994 from State University of New York College of Environmental Science and Forestry and Syracuse University. He conducted research at University of California, San Diego (1993-1995) and Cornell University (1995-1996). Dr. Qi's current research focuses on climate and environmental policy and governance. He publishes extensively on climate change science and environmental policy. His recent book is Environmental Governance in China. He is principal investigator and editor of the Annual Review of Low Carbon Development in China.

Dr. Rajeswari Raina

Dr. Rajeswari Raina is a Scientist at National Institute of Science, Technology and Development Studies (NISTADS - CSIR). She is also a Senior Fellow at the Centre for Policy Research (CPR). She has a background in the agricultural sciences (B.Sc. (Ag.), marketing management (M.Sc. (Ag.)), and economics (Ph. D). She works with a range of collaborators on rural innovation systems and policy research/consultations for the same. Both as a widely published author in the social studies of agricultural S&T and rural innovation, and as a policy analyst, Dr. Raina conducts assessments for international organizations in agricultural/rural development, NGOs, private/public sector firms. She has also organized several interdisciplinary workshops, capacity building workshops and national /international assessments, bringing social sciences research and natural/physical sciences research together. Her current research focuses

Participants' Profiles

on institutional reform and policy research as well as policy capacities for (a) poverty relevant innovation in India, (b) bio-innovation systems in Asia, and (c) agriculture-environment interface.

Dr. Joyashree Roy



Dr. Joyashree Roy is currently the Professor of Economics at Jadavpur University, Kolkata in India. She initiated and also coordinates the Global Change Programme at Jadavpur University (www.juglobalchangeprogram.org) which focuses on selected aspects of Climate Change research and beyond. She Directs the SYLFF -Ryoichi Sasakawa Young Leaders Fellowship Fund (<http://www.jusylffprogram.org>) -Project on “Tradition, Social Change, and Sustainable Development: A Holistic Approach” at the same university. She was a Ford Foundation Post Doctoral Fellow in Environmental Economics at the Lawrence Berkeley National Laboratory, California, USA.

She has been one of the two Coordinating Lead Authors of the Chapter 7 of the Inter-Governmental Panel on Climate Change -IPCC's AR4, WGIII, , “Climate Change 2007: Mitigation of Climate Change”. IPCC is the 2007 Nobel Peace Prize Winner. She is CLA in IPCC AR5 as well. She has been involved in preparation of Stern Review Report, Global Energy Assessment and many other national and global efforts. She is in Steering committee of LOICZ.

In her independent research capacity she has authored books and written over sixty articles in peer reviewed leading professional journals and books.

Current research interests are: Economics of Climate Change, modeling energy demand, economy-wide modeling exercises for deriving policy implications, water quality demand modeling, water pricing, urban infrastructure development policy issues, sustainable indicator estimation, natural resource accounting, valuing environmental services, and developmental and environmental issues relevant for informal sectors, Coastal Ecosystem service evaluation.

She is interested in multidisciplinary approaches to understanding development issues. She has widely traveled to almost every continent for her extensive research collaborations and capacity building efforts in the field of Resource, energy, environment and the climate change.

Dr. Tarek H. Selim



Tarek H. Selim is Associate Professor of Economics, School of Business, at the American University in Cairo (AUC). Dr. Selim's core fields of specialization are microeconomics, industrial economics and competition. Dr. Selim is Faculty Affiliate to the Microeconomics of Competitiveness Network of Harvard Business School and is a founding member of the Alfred P. Sloan Industry Studies Association, University of Pittsburg. He also serves as Senior Economic Advisor and Chief Economist at the Egyptian Competition Authority, Cabinet of Ministers.

Dr. Selim's research output includes more than 65 research articles in leading international journals and conferences. He is a Research Fellow of the Middle East Economic Research Forum and is on the editorial board of the *Journal of Business and Economics Research*, *Journal of Technology and Investment*, and the *Academy Journal of Financial and Administrative Sciences*. He received his School's Research Excellence Award in 2006.

Among his professional working experience, he worked at Proctor & Gamble Egypt as Plant Industrial Engineer, and at the Arab Organization for Industrialization as Assistant Project Manager to the F-16 Project (\$2 billion project).

Dr. Selim earned his Ph.D. in Economics from George Washington University. He earned MBA from Johns Hopkins University and MS in Economics from Iowa State University, where he worked as a research scholar at Ames Research Laboratory. He also earned MS in Industrial Engineering and BS (Hon.) in Mechanical Engineering with minor in Business Administration from the American University in Cairo. Dr. Selim holds multiple certificate and management professional programs from MIT, Harvard, Georgetown, Oxford, and Imperial College.

Dr. Yiming SHAO



Yiming Shao is graduated from Qingdao Medical School in 1983 and got his doctor degree on virology and immunology from Chinese Academy of Preventive Medicine in 1988. Dr. Shao is currently Chief Expert on AIDS, Chinese Center for Disease Control and Prevention and Director of the Department of the Research on Virology and Immunology at the National Center for AIDS/STD Control and Prevention, coordinating domestic virological research and promoting scientific exchange and

cooperation with international community.

Dr. Shao's basic and clinical research is supported by China's national 863, 973 and key projects as well as grants from US NIH, EU grants and Gates Foundation. He is credited with establishing the National AIDS Reference Laboratory and leading the national expert committee to help China develop three key infrastructures: the five-level HIV testing network with more than 8,000 laboratories, the HIV molecular epidemiology network, and the national HIV drug resistance monitoring network. He first reported China's nationwide HIV molecular epidemiology profile and HIV seroincidence data and drug resistance patterns of Chinese patients on HAART. He and Dr Shen, who made the world's 1st lentivirus vaccine in the 1970s, studied the genetic evolution of EIAV wide-type to vaccine strains and its protection mechanisms. He conducted research on re-designing HIV vaccine antigen based on EIAV vaccine antigen. His novel vaccine using Chinese vaccinia virus as vector fully protects monkeys against homologous SHIV challenge. Being the only replicating vector HIV vaccine in humans of the last decade, it finished Phase I clinical trials and is moving to Phase II.

He is the vice chair of the National AIDS Expert Committee and Chair of the Virology Committee of Chinese Microbiology Society. At international area, he is the member of the International Committee on Taxonomy of Viruses and on the Scientific Advisory Board of the Grand Challenge in Global Health program of the Bill & Melinda Gates Foundation as well as fellow of American Society of Microbiology. He serves on WHO's Strategic and Technical Advisory Committee for HIV/AIDS, HIVResNet Steering Committee, as well as HIV Vaccine Advisory committee. He received numerous national science awards and published more than 400 research papers in Chinese and international journals. He is elected as the fellow of the US Academy of Microbiology in 2010.

Dr. Pooja Sharma



Pooja Sharma is a senior fellow at the Indian Council for Research on International Economic Relations (ICRIER), New Delhi. She is a trade economist and her recent research has focused on issues related to the institutions of global economic governance with emphasis on global trade governance. She is currently coordinating an emerging economies research dialogue on agriculture, food security and livelihoods; technology and innovation; energy, environment and climate change; and health.

Pooja's research interests include political economy of economic policymaking, regional integration, foreign aid, agricultural policy, trade in services and South Asia. She has recently written and published on political economy of foreign aid, agriculture

Participants' Profiles

trade negotiations at the World Trade Organization and India's regional integration arrangements.

Pooja Sharma was previously a Global Leaders Fellow at Oxford and Princeton Universities, Fellow at the Research and Information System for Developing Countries (RIS), New Delhi, Visiting Research Fellow, International Food Policy Research Institute (IFPRI), South Asia office and Senior Consultant, National Council of Applied Economic Research (NCAER), New Delhi. She has also been a consultant for the Water and Sanitation Program (WSP) of the World Bank in South Asia. She holds a Ph.D. in Economics.

Dr. Xiaobing WANG



Dr. Xiaobing Wang is research fellow in Center for Chinese Agricultural Policy (CCAP), Chinese Academy of Sciences. She obtained Ph.d degree from Martin-Luther University Halle-Wittenberg, Germany in 2007. She worked as a research associate in Leibniz Institute of Agricultural Development in Central and Eastern Europe (IAMO), Germany. Her research focuses on the development of labor market, poverty and productivity analysis in China and other transition countries. She published several papers on Food Policy, China Economics Review, and Agricultural Economics, etc.

Dean Lan XUE



Dr. Lan Xue is a professor and Dean of School of Public Policy and Management, Executive Vice President of the Development Research Academy for the 21st Century, and Director of China Institute for Science and Technology Policy at Tsinghua University. He is also an adjunct professor at Carnegie Mellon University and a Fellow of IC² Institute at University of Texas, Austin. His teaching and research interests include public policy analysis and management, science and technology policy, higher education policy, and crisis management. He has published widely in these areas and is on the editorial board or advisory board of several international academic journals.

Dr. Xue holds a Ph.D. in Public Policy from Carnegie Mellon University and taught at

the George Washington University before returning to China in 1996. In addition to serving as an advisor to many government agencies in China, he is also a Vice President of China Association of Public Administration, Vice Chairman of the National Steering Committee for MPA Education, a member of the International Advisory Board of UNU-MERIT, a member of the Governing Board of International Development Research Center (IDRC), and a member of the Visiting Committee of the Harvard Kennedy School.

Professor Wei ZHANG



CEIBS Centre for Health Care Policy and Management
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Dr. Zhang received his Ph.D. in Health Policy from Harvard University (an interfaculty program between Graduate School of Arts and Sciences, Business School, Kennedy School of Government, and Medical School), and M.D. from Peking Union Medical College (founded by Rockefeller Foundation in 1918). He is also a Distinguished Bing Fellow of Health Economics at RAND (US), and an adjunct faculty at Peking University School of Government.

Having completed his Ph.D. dissertation on quality of care, Dr. Zhang has additional research interests in organizational innovation in health care, lean health care, strategy implementation, and economic evaluation of clinical practice. Dr. Zhang has written extensively in the areas of health care and his publications appear in top journals such as *Journal of Health Economics*, *Health Services Research*, *Journal of the National Cancer Institute*, and *International Journal of Quality in Health Care*. His recent book on *Asia Pacific Pharmaceutical Policy* was published in 2009. His current research projects include evaluation of China's health care reform, health care innovation in China (technology, delivery and payment), and his economic evaluative studies cover OTC switching and some clinical protocols.

Dr. Zhang supervises doctoral students at RAND Graduate School (US) and Erasmus University Rotterdam (Netherlands). Moreover, he is a member of Academy Health, Academy of Management, and Academic Advisory Board of Chinese Hospital Association.

Dr. Zhang has offered briefing on China's health care system to global executives from Wellpoint, Bayer, MSD, GSK, Lilly, GE, and has provided executive programs to Novartis, Philips, Sanofi-Aventis, Johnson & Johnson, MSD and so on. He is the executive director of Leadership Development for Hospital President at CEIBS,

China's most prestigious hospital management program since 2000. He is also involved in advising some leading PE firms in China.

Mr. Changbao ZHAO



Deputy Director of the Research Center for Rural Economy of the Ministry of Agriculture, Research Fellow, and Member of the Tenth All-China Federation of Youth. He graduated from the Department of Sociology of the Renmin University of China.

Zhao Changbao has been engaged in the research of agriculture and the development of rural economy as well as policies for a long time, with his research areas involving rural labor flow, increase of farmers' income, construction of modern agriculture and the structural adjustment of agriculture and rural economy. He has participated in over 40 research projects, 20 of which he has presided over. The papers and research reports he has published have amounted to over 50, with over 0.7 million words. His representative papers include: "Rural Labor Flow in Economic Development" (Chinese Rural Economy, January 1995), "Income Increase, Employment Transition and Advancement of Urbanization" (Management World, January 1999), "Development of Chinese Rural Economy Since the Mid 1990's" (The World of Survey and Research, July 2002), "Reform of the Structure of National Economy and the Adjustment of Rural Industrial Structure" (Issues in Agricultural Economy, December 2002) and "Studies of the Corresponding Relations among Industrialization, Urbanization and Agricultural Modernization" (Studies of Strategies for New Countryside Construction of the Project Team of the Ministry of Agriculture, November 2006) etc. He has published 8 books which he has authored or edited, including the following important works: Evolution of Agriculture and Rural Economic Policies in China Since Reform and Opening Up, Analysis of Chinese Rural Economy and Studies of Countermeasures (2001-2003) and Returning to the Countryside or Moving into the City: Studies of the Back Flow of the Chinese Migrant Rural Labor Force etc.

Project Concept Note

Problem and justification

Secular trends in the global economy, involving substantial changes in the relative economic and political weights of different countries and regions, are creating a new world order. In this changing world order, the so-called *emerging economies* are increasingly poised to assume new and enhanced roles at the global stage. This global metamorphosis however, has not so far, been matched by deeper and coordinated policy reflection among the emerging countries themselves. While emerging economies have had clear strategic foreign policy that shapes their policy research and international collaborations, there is need for careful planning and implementation of such collaborations for meaningful policy learning from a collective reflection. There is a paucity of fora where these countries can regularly share and learn from each other's experiences, reach a better understanding of mutual concerns and priorities, and formulate policies on the basis of their common or differentiated interests. The interaction among emerging economies is largely confined to either formal diplomatic channels, with their usual restrictive protocols of exchange, to the sidelines of exclusive informal fora such as the G-20 or the BRICS or much larger developing country groupings. Direct and sustained interaction among emerging economy experts, academics and policy makers remains at best sporadic and intermittent. Although, over the last few years, there have been several attempts to bring together stakeholders and policy makers from emerging economies, these have primarily focused on specific issues like finance, climate change and trade. These issue-based efforts have failed to generate a sustained momentum for emerging economies to engage in comprehensive, collective and coordinated policy research collaboration for effective policy thinking, both nationally and globally.

To bridge this gap, in October 2009, the Indian Council for Research on International Economic Relations, New Delhi, India, with the support of a generous Grant (no.: 106003-001) from the Regional Office for South Asia and China of the International Development Research Centre, Canada, launched a two-year Project entitled, "Emerging Economies Research Dialogue" among emerging economy professionals, academics and policy makers on issues of contemporary relevance for these economies. The overall aim of the Project is to set in motion a sustained dialogue between emerging economy scholars that can help build, sharpen and share evidence on common or differentiated policy concerns facing these economies in their new roles on the world stage.

Objective

The specific objectives of the Project are as follows:

- To commission and eventually disseminate in published form a set of analytical papers from eminent scholars from emerging economies. These papers are expected to have clear and immediate policy relevance on the fundamental policy problems confronting these economies as they take new roles on the world stage.
- To provide important academic inputs into policy making in emerging economies and to redirect emerging economy academic research towards common or differentiated policy concerns.
- To lead to the emergence of a set of common or differentiated interests around which a loose network of emerging economy research scholars can be formed.

Organizational Modalities

The Project aims to achieve these objectives through three central organizational components. The first component comprises two multi-country conferences. The first conference would be held in New Delhi, India followed by a second conference, perhaps in Beijing in collaboration with a partner organization to be mutually identified by IDRC and ICRIER. For each conference, a set of analytical research papers, by eminent scholars and experts from a select group of emerging economies, with clear and immediate policy relevance are to be specially commissioned in advance of the conference. The conference would bring together these scholars and important policy makers, academics, and practitioners from the host country to ensure effective absorption of the academic inputs into policy making and wider dissemination of Project research and findings. The second component consists of a review cum brainstorming workshop, to be organized between the two conferences, which will review the progress on the research dialogue and brainstorm over the issues to be covered in the next phase. The Workshop will also help establish a network among institutions of the participating countries to carry forward future dialogue on these issues and act as the competent resource base. The final component consists of publication of selected papers from each conference in a combined volume following a stringent external expert review. Each conference is expected to give a set of over twenty papers plus an overview paper. These papers will be sent out for a stringent review and refereeing process. This review is expected to result in fifteen to twenty papers which will be compiled into a volume.

Scope

The themes/sub-themes under consideration in the Research Dialogue are as follows:

Theme I: Agriculture, food security and livelihoods

- a) Trade in agriculture
- b) Markets and institutions
- c) Productivity growth in agriculture

Theme II: Technology and innovation

- a) The role of public funded research
- b) Traditional knowledge and grassroots innovation
- c) National innovation systems

Theme III: Energy, environment and climate change

- a) Development of clean (non-hydrocarbon) energy
- b) Energy conservation and energy efficiency
- c) Access to clean water

Theme IV: Health

- a) Pandemic control systems
- b) Diffusion of medical technologies and its welfare impact
- c) Health care provision and health financing

Within these four themes, there will be a common cross cutting issue of global governance in each of these areas. The research papers would address policy concerns at the national level as well as issues of global governance in their respective areas. Indeed, each of the conferences would ideally conclude with a roundtable, with active participation of high level policy makers in the host country, highlighting the policy uptake at the national level and at the level of global governance.