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# Global Value-Chain Training and Research Workshop

July 18 - July 22, 2016, UIBE, Beijing

## Program

**Organized by RCGVC\_UIBE, CAITEC\_MOFCOM and SCID\_Stanford University  
Co-sponsored by Asian Development Bank and Bill & Melinda Gates Foundation**



| <b>Pre-Workshop Training</b>  |  |
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| <b>Sunday (Room 201, ZhiXing Building) <span style="float: right;">July 17</span></b> |  |
| 8:30 a.m. - 10:00 a.m.  | Mathematics and Economics for Input-output Analysis, Dr. Kunfu Zhu, RCGVC  |
| 10:00 a.m. - 10:15 a.m.   | Tea Break  |
| 10:15 p.m. - 12:00 a.m.   | Gross Trade Accounting and the Computation of Trade in Value-added (TiVA) Indicators, Dr. Kunfu Zhu, RCGVC   |
| 12:00 a.m. - 12:30 p.m.   | Q&A  |
| 12:30 p.m. - 1:30 p.m.  | Lunch  |
| <b>Afternoon Computer Lab (Room 201, ZhiXing Building)</b>                            |  |
| 1:30p.m. - 3:00 p.m.  | Basic Programming in R and Application in Computing TiVA Indicators, Professor Fei Wang, RCGVC   |
| 3:00 p.m. - 3:15 p.m.   | Tea Break  |
| 3:15 p.m. - 5:00 p.m.   | Gross Trade Flows Decomposition and TiVA Indicator Computation Using Major Global ICIO Databases: WIOD, GTAP, OECD and Eora, Professor Fei Wang, RCGVC   |
| 5:00 p.m. - 5:30 p.m.   | Q&A  |
| 6:00 p.m.   | Dinner   |
| <b>Workshop</b>   |  |
| <b>Monday (Room 102, KeYan Building) <span style="float: right;">July 18</span></b>   |  |
| 8:00 a.m. - 8:30 a.m.   | Opening Session<br>Keming Qian, Vice Minister, MOFCOM (TBC)<br>Nicholas C. Hope AM, Director of China Program, Stanford Center of International Development<br>Xueming Gu, President, Academy of International Trade and Economic Cooperation, Ministry of Commerce (TBC)<br>Zhongxiu Zhao, Vice President, UIBE |
| 8:30 a.m. - 9:30 a.m.   | Keynote Lecture (Part A) "New Perspectives on Global Sourcing"<br>Pol Antràs, Professor, Harvard University  |
| 9:30 a.m. - 9:45 a.m.   | Tea Break  |
| 9:45 a.m.- 10:45 a.m.   | Keynote Lecture (Part B) "New Perspectives on Global Sourcing"<br>Pol Antràs, Professor, Harvard University  |
| 10:45 a.m. - 11:00 a.m.   | Tea Break  |
| 11:00 a.m. -12:00 a.m.  | Keynote Lecture (Part C) "New Perspectives on Global Sourcing"<br>Pol Antràs, Professor, Harvard University  |
| 12:00 a.m. - 12:30 p.m.   | Q&A  |
| 12:30 p.m. - 2:00 p.m.  | Lunch  |
| 2:00 p.m. - 3:30 p.m.   | "Characterizing Global Value Chains"<br>Zhi Wang, Professor and Director, Research Center for Global Value Chains, UIBE  |



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| 3:30 p.m. - 3:45p.m.   | Tea Break   |
| 3:45 p.m. - 5:15 p.m.  | “Firms in Global Value Chains: Finance, Quality and Management”<br>Kalina Manova, Associate Professor, University of Oxford   |
| 5:15p.m. - 6:00 p.m.   | Q&A   |
| 6:00 p.m.  | Workshop Dinner   |
| <b>Tuesday (Room 102, KeYan Building) <span style="float: right;">July 19</span></b>   |   |
| 8:30 a.m. - 9:30 a.m.  | “Global Value Chains & Development: An Upgrading Analysis of Medical Devices, Electronics, Aerospace and Offshore Services” (Part A)<br>Gary Gereffi, Professor and Director, the Center on Globalization, Governance, & Competitiveness, Duke University |
| 9:30 a.m. - 9:45 a.m.  | Tea Break   |
| 9:45 a.m. - 10:45 a.m.   | “Global Value Chains & Development: An Upgrading Analysis of Medical Devices, Electronics, Aerospace and Offshore Services” (Part B)<br>Gary Gereffi, Professor and Director, the Center on Globalization, Governance, & Competitiveness, Duke University |
| 10:45 a.m. - 11:00 a.m.  | Tea Break   |
| 11:00 a.m. - 12:00 a.m.  | “Global Value Chains & Development: An Upgrading Analysis of Medical Devices, Electronics, Aerospace and Offshore Services” (Part C)<br>Gary Gereffi, Professor and Director, the Center on Globalization, Governance, & Competitiveness, Duke University |
| 12:00 a.m. - 12:30 p.m.  | Q&A   |
| 12:30 p.m. - 2:00 p.m.   | Lunch   |
| 2:00 p.m. - 3:30 p.m.  | “Natural Openness and Good Governance”<br>Shang-jin Wei, Chief Economist, Asian Development Bank  |
| 3:30 p.m. - 3:45 p.m.  | Tea Break   |
| 3:45 p.m. - 5:15 p.m.  | “Global Value Chains and Effective Exchange Rates at the Country-Sector Level”<br>Dr. Nikhil Patel, Economist, Bank for International Settlements, Switzerland  |
| 5:15 p.m. - 6:00 p.m.  | Q&A   |
| 6:00 p.m.  | Dinner  |
| <b>Wednesday (Room 102, KeYan Building) <span style="float: right;">July 20</span></b> |   |
| 8:30 a.m. - 9:30 a.m.  | Keynote lecture (Part A) “Global Firms and Production Networks”<br>Professor Andrew B. Bernard, Jack Byrne Professor of International Economics Tuck School of Business at Dartmouth  |
| 9:30 a.m. - 9:45 a.m.  | Tea Break   |
| 9:45 a.m. - 10:45 a.m.   | Keynote lecture (Part B) “Global Firms and Production Networks”<br>Professor Andrew B. Bernard, Jack Byrne Professor of International Economics Tuck School of Business at  |



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|  | Dartmouth  |
| <b>10:45 a.m. - 11:00 a.m.</b>                     | Tea Break  |
| <b>11:00 a.m. - 12:00 a.m.</b>                     | Keynote lecture (Part C) "Global Firms and Production Networks"<br>Professor Andrew B. Bernard, Jack Byrne Professor of International Economics Tuck School of Business at Dartmouth                                     |
| <b>12:00 a.m. - 12:30 p.m.</b>                     | Q&A  |
| <b>12:30 p.m. - 2:00 p.m.</b>                      | Lunch  |
| <b>2:00 p.m. - 5:30 p.m.</b>                       | Official Opening Ceremony for the Research Institute of Global Value Chains  |
| <b>6:00 p.m.</b>                                   | Dinner   |
| <b>Thursday (Room 102, KeYan Building) July 21</b> |  |
| <b>8:30 a.m. - 9:00 a.m.</b>                       | Keynote lecture (Part A) "Estimating the Impact of Trade Liberalization: From Jobs to Voting to Morality to Supply Chain Management"<br>Peter Schott, Juan Trippe Professor of International Economics, Yale University  |
| <b>9:00 a.m. - 9:15 a.m.</b>                       | Tea Break  |
| <b>9:15 a.m. - 10:45 p.m.</b>                      | Keynote lecture (Part B) "Estimating the Impact of Trade Liberalization: From Jobs to Voting to Morality to Supply Chain Management"<br>Peter Schott, Juan Trippe Professor of International Economics, Yale University  |
| <b>10:45 a.m. - 11:00 p.m.</b>                     | Tea Break  |
| <b>11:00 a.m. - 12:00 a.m.</b>                     | Keynote lecture (Part C) "Estimating the Impact of Trade Liberalization: From Jobs to Voting to Morality to Supply Chain Management"<br>Peter Schott, Juan Trippe Professor of International Economics, Yale University  |
| <b>12:00 a.m. - 12:30 p.m.</b>                     | Q&A  |
| <b>12:30 p.m. - 2:00 p.m.</b>                      | Lunch  |
| <b>2:00 p.m. - 3:30 p.m.</b>                       | "Domestic Value-added in Exports: Theory and Firm Evidence from China"<br>Heiwai Tang, Assistant Professor, John Hopkins University  |
| <b>3:30 p.m. - 3:45 p.m.</b>                       | Tea Break  |
| <b>3:45 p.m. - 5:15 p.m.</b>                       | "Interdisciplinary Approaches to GVCs: Smile Curves, Networks and Environmental Perspectives"<br>Dr. Bo Meng, Senior Researcher, IDE-JETRO   |
| <b>5:15 p.m. - 6:00 p.m.</b>                       | Q&A  |
| <b>6:00 p.m.</b>                                   | Dinner   |
| <b>Friday (Room 102, KeYan Building) July 22</b>   |  |
| <b>8:30 a.m. - 9:30 a.m.</b>                       | Keynote lecture (Part A) "Electronic Business: From Silicon Valley to Global Value Chains."<br>Haim Mendelson, Kleiner Perkins Caufield and Byers, Professor of Electronic Business & Commerce, Stanford Business School |
| <b>9:30 a.m. - 9:45 a.m.</b>                       | Tea Break  |
| <b>9:45 a.m. - 10:45 a.m.</b>                      | Keynote lecture (Part B) "Electronic Business: From Silicon Valley to Global Value Chains."<br>Haim Mendelson, Kleiner Perkins Caufield and Byers Professor of Electronic Business & Commerce, Stanford Business School  |



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| 10:45 a.m. - 11:00 a.m.   | Tea Break   |
| 11:00 a.m. - 12:00 a.m.   | Keynote lecture (Part C) "Electronic Business: From Silicon Valley to Global Value Chains."<br>Haim Mendelson, Kleiner Perkins Caufield and Byers Professor of Electronic Business & Commerce, Stanford Business School   |
| 12:00 a.m. - 12:30 p.m.   | Q&A   |
| 12:30 p.m. - 2:00 p.m.  | Lunch   |
| 2:00 p.m. - 3:00 p.m.   | "Lessons from the Nature and Operations of Intergovernmental Relations in the United States."<br>Mark Rozell, Professor and Dean, School of Policy, Government and International Affairs, George Mason University   |
| 3:00 p.m. - 3:45 p.m.   | Closing Session<br>Closing Remark,<br>Xueming Gu, President, Academy of International Trade and Economic Cooperation, Ministry of Commerce,(TBC)<br>Zhi Wang, Professor and Director, Research Center for Global Value Chains, UIBE<br>Feedback from participants |
| 3:45 p.m. - 4:00 p.m.   | Tea Break   |
| <b>Friday (Room 201, ZhiXing Building) <span style="float: right;">July 22</span></b>   |   |
| 4:00 p.m. - 6:00 p.m.   | <b>Computer lab1</b><br>"Trace Value-added and Embodied Emission in Trade Flows Using R Programming"<br>Bo Meng, Senior Researcher of IDE-JETRO   |
| 6:00 p.m.   | Dinner  |
| <b>Post Workshop Computer Lab</b>   |   |
| <b>Saturday (Room 201, ZhiXing Building) <span style="float: right;">July 23</span></b>   |   |
| 8:30 a.m. - 12:30 p.m.  | <b>Computer lab2</b><br>Basic GAMS Programming and "Reconcile Statistics from Different Sources Using Optimization Method and GAMS Program"<br>Professor Fei Wang, Professor Zhi Wang, UIBE   |
| 12:30 p.m. - 2:00 p.m.  | Lunch   |
| 2:00 p.m. - 5:45 p.m.   | <b>Computer lab3</b><br>Computer lab "Split National IO Table According to Firm Heterogeneity Information from Micro Data Using Optimization Method and GAMS"<br>Professor Fei Wang, Professor Zhi Wang, UIBE   |
| 6:00 p.m.   | Dinner  |
| Exporting and importing firm visit in Beijing and Tiangjin area will be arranged for interested invited speakers arriving earlier or leaving later on Friday or Saturday (July 10-11 and 17-18 through MOFCOM and China Customs). |   |