

WORLD KLEMS Conference

The Fourth World KLEMS Conference Madrid, Spain, May 23-24, 2016.

The 4th World KLEMS Conference has brought together more than 80 researchers from 5 continents interested in the analysis of the sources of growth. The objective of the Conference is to discuss recent progress in the development and applications of KLEMS data sets. These data are widely used in research on economic growth and structural change and in international comparisons based on purchasing power parities. The meeting took place at the Madrid offices of the [BBVA Foundation](#), which are located in the central part of the city.

Program

First Day, Monday, May 23:

8:45 a.m.	Registration, BBVA Foundation, Madrid, Spain.	
9:30 a.m.	ICT	Chair: Bart van Ark
Carol Corrado	ICT Prices and ICT Services: What Do They Tell Us about Productivity and Technology? (with David Byrne)	Slides
Kyoji Fukao	The Structural Causes of Japan's Lost Decades	Slides
Chi-Yuan Liang	Total Factor Productivity Changes in the ICT Industry: An International Comparison among the U.S., Japan, Korea and Taiwan during 1981 to 2010 (with Rwei-He Jheng)	Slides
Matilde Mas	Looking for a Virtuous Pattern of Growth: Some Insights for the Discussion (with Eva Benages)	Slides
11:00 a.m.	Coffee break	
11:30 a.m.	Simultaneous Sessions	
Session One:	Europe	Chair: Javier Quesada
Dariusz Kotlewski	KLEMS productivity accounts for the Polish economy (with Miroslaw Blażej)	Slides
Isabelle Remond-Tiedrez	Development of a Quality-Adjusted Labor Productivity Index in the European Union (with Jose M. Rueda-Cantucho, Antonio Amores Hernandez, Marian Mraz, Pedro Martins-Ferreira, and Juan M. Valderas Jaramillo)	Slides
Antonio Amores Hernandez	Methodology for the Estimation of Capital Productivity Indicators in the European Union (with Jose M. Rueda-Cantucho, Isabelle Remond-Tiedrez, and Letizia Montinari)	Slides
Ilya Voskoboynikov	Russia since 1995: Natural Gas, Catching Up, and Informality	Slides
Belen Zinni	Productivity Developments in Europe and the OECD	Slides
Session Two:	Asia KLEMS	Chair: K. L. Krishna
Hyunbae Chun and Tsutomu Miyagawa	Declining Rate of Return on Capital and the Role of Intangibles in Japan and Korea. (with Hak Kil Pyo, Miho Takizawa, and Konomi Tonogi)	Slides
Kyoji Fukao	Measurement of Deflators and Real Value Added in the Service Sector. (with Taesuke Kameda, Koto Nakamura, Ryuich Namba, Masahiro Sato, and Shigeru Sugihara)	Slides
B. N. Goldar and Suresh Agarwal	Productivity Growth and Levels: A comparison of Formal and Informal Manufacturing in India (with Deb Kusum Das, Abdul Azeez Erumban, and Pilu Chandra Das)	Slides
Katherine Keenan	Experimental Estimates of Industry Level KLEMS Multifactor Productivity, 2015	Slides
Deb Kusum Das and Harry Wu	How do Asian Giants China and India Compare towards Industry-Level Productivity? (with K. L. Krishna, and Abdul Azeez Erumban)	Slides
1:00 p.m.	Lunch	
2.00 p.m.	Simultaneous Sessions	
Session Three:	LA KLEMS	Chair: Matilde Mas
Eduardo Fernandez-Arias	The Productivity Gap in Latin America: Lessons from Fifty Years of Development	Slides
Francisco Guillen	Determinants of Productivity Growth for the Mexican Economy (with Pilar Garcia, Jesus Togno, Oscar Venzor, Alfredo Henestrosa, and Christian Avila)	Slides
Andre Hofman	Potential Growth in Latin America. (with Claudio Aravena)	Slides
Ariel Coremberg	This Was Not Argentina's Growth and Productivity Decade (with Marisa Wierny)	Slides

Session Four:	Human Capital	Chair: Andrew Sharpe
Michael S. Christian	Net Investment and Stocks of Human Capital in the United States, 1975-2013	Slides
Barbara M. Fraumeni	Progress in Measuring Human Capital Around the World	Slides
Gang Liu	A Stylized Satellite Account for Human Capital	Slides
Lea Samek	The Impact of Health on Human Capital Stocks (with Mary O'Mahony)	Slides
3:30 p.m.	Coffee Break	
4.00 p.m.	Simultaneous Sessions	
Session Five:	US KLEMS	Chair: Brian Moyer
Erich H. Strassner	Extended Supply-Use Tables in Basic Prices with Firm Heterogeneity: A Proof of Concept for the United States (with James J. Fetzer, Thomas F. Howells III, Lin Z. Jones, and Zhi Wang)	Slides
Jon D. Samuels	Associates Degrees, the Quality of the U.S. Workforce, and the Sources of U.S. Economic Growth (with Ross Gittell and Edinaldo Tebaldi)	Slides
David B. Wasshausen	Integrating GDP by Industry with Interindustry Accounts for the United States (with Thomas F. Howells III, Amanda S. Lyndaker, and Erich H. Strassner)	Slides
Mun S. Ho	Education, Participation, and the Revival of U.S. Economic Growth (with Dale W. Jorgenson and Jon D. Samuels)	Slides
Session Six:	Intangible Capital	Chair: Susanto Basu
Wen Chen	Cross-Country Income Differences Revisited: Accounting for the Role of Intangible Capital	Slides
Cecilia Jona-Lasinio	Sources of Country-Sector Productivity Growth: Total Factor Productivity and Intangible Capital in the EU15 and the U.S.	Slides
Mary O'Mahony	Measuring Educational Services and Social Infrastructure (Carol Corrado and Lea Samek)	Slides
Juan Fernandez de Guevara	Intangible Assets and Spanish Economic Growth (with Matilde Mas)	Slides
5:30 p.m.	End of day one	
7:00 p.m.	Meet for Walking Tour of Madrid	
8:30 p.m.	Conference Dinner	
Second Day: Tuesday, May 24:		
9:30 a.m.	Simultaneous Sessions	
Session Seven:	Global Value Chains	Chair: Ivo Havingha
Gaaitzen de Vries	Skills and Activity Upgrading in Global Value Chains: Trends and Drivers for Asia (with Quanrun Chen, Rana Hasan, and Zhigang Li)	Slides
Abdul A. Erumban	Global Growth Accounting: The Role of Shifting Investment Patterns (with Robert Inklaar and Klaas de Vries)	Slides
Marta Solaz	Value Added and Participation in Global Value Chains: The Case of Spain	Slides
Marcel P. Timmer	Peak Trade? An Anatomy of the recent Global Trade Slowdown (with Bart Los, Robert Stehrer, and Gaaitzen de Vries)	Slides
Session Eight:	Measurement	Chair: Robin Sickles
Alicia M. Rambaldi	Vanishing Procyclicality of Productivity? Industry Evidence (with Antonio Peyrache)	Slides
Bert M. Balk	On Measuring Regional or Global Growth and Inflation (with D.W. Prasada Rao and Alicia M. Rambaldi)	Slides
Hak K. Pyo	Labor Productivity and a Test of Kaldor-Verdoorn's Law Using the World KLEMS Dataset	Slides
Christina Wang	Total Factor Productivity Has Become Much Less Correlated with Output as well as Inputs since the 1980s	Slides
11:00 a.m.	Coffee Break	
11:00 a.m.	Plenary Session	
	Final Plenary Session: Future Challenges	Chair: Dale Jorgenson
Francisco Perez	Measuring Progress in the Spanish Economy: A World KLEMS-IVIE Approach	Slides
Bart van Ark	The Future Development of EU KLEMS	Slides
Paul Schreyer	An OECD Agenda on Issues in Productivity Measurement	Slides
Marcel P. Timmer	Global Value Chain Research Going Forward	Slides
1:00 p.m.	Lunch	

Open Session: Europe's Performance and Trends of the World Economy

5:00 p.m.	Presentation	
	Opening Remarks	Francisco Perez (chair)
5:15 p.m.	Keynote Speech	
	<u>The World Economy: Performance and Outlook"</u>	Dale Jorgenson
	Keynote Speech	
	Spanish Economy: How to Improve Productivity in the Current Environment	Jose Manuel Gonzalez-Paramo
6:15 p.m.	Round Table: The Future of Europe from an International Perspective	
Panel List	Speakers	
Matilde Mas	<u>The EU Productivity Gap</u>	
Angel Melguizo	Latin American Economic Outlook: Overcoming the Middle Income Trap	
Bart van Ark	<u>Are Emerging Economies Still Emerging?</u>	
Kyoji Fukao	<u>China's Slowdown and the Expected Impact on Japan's Economy: An Analysis Based on the World Input-Output Database (WIOD)</u>	
Marcel P. Timmer	<u>European Competitiveness in Value Chains</u>	
7:30 p.m.	Discussion	Chair: Javier Quesada
8:00 p.m.	Closing	