

7th Bolivian Conference on Development Economics

8 & 9
December 2016

Keynote speakers:

David Bishai

Johns Hopkins University

Francisco H.G.

Ferreira

World Bank

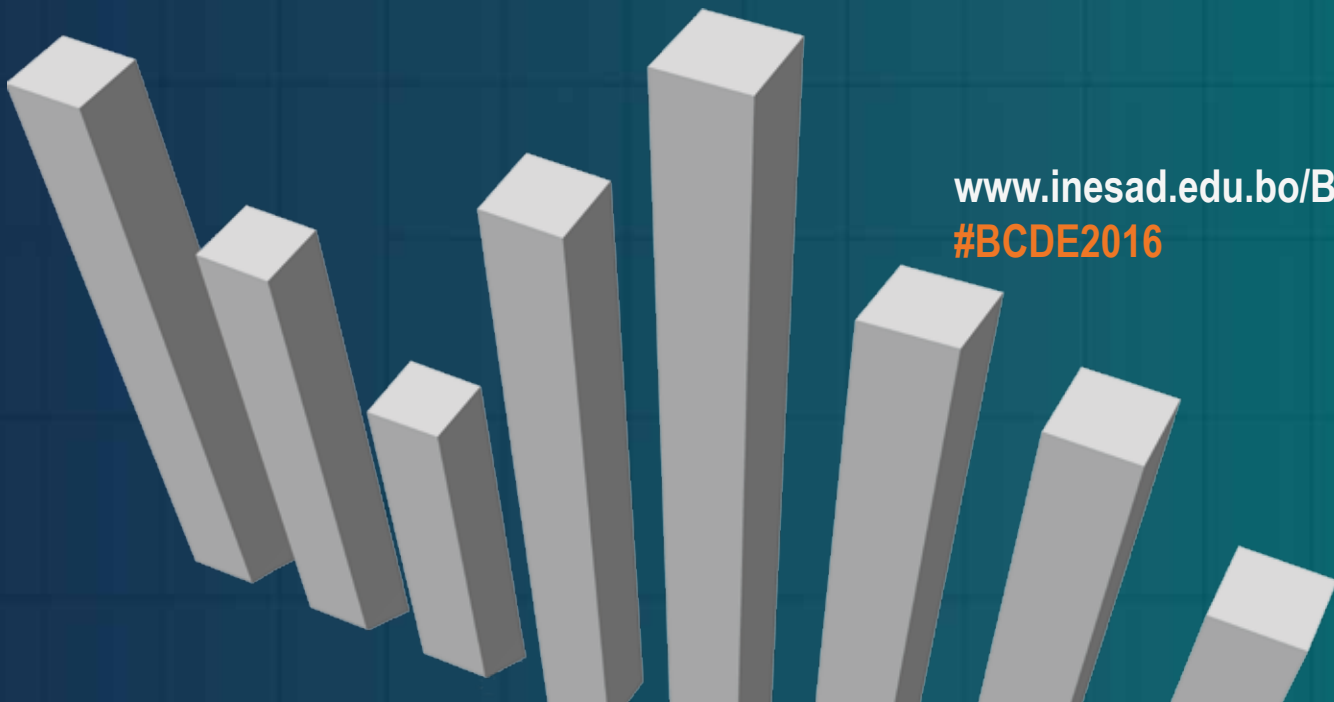
Special guest speakers:

Luis Arce Catacora

Minister of Economy and Public Finance, Bolivia

Tomás Serebrisky

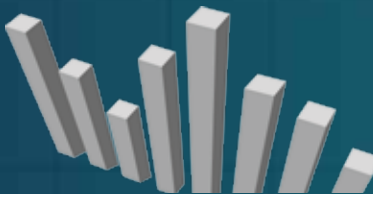
Inter-American Development Bank



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ORGANIZERS:





WELCOME

Distinguished guests, dear colleagues and friends,

I am delighted to welcome you all to the 7th Bolivian Conference on Development Economics. This Conference is co-organized by the Society of Bolivian Economists (SEBOL), the Institute for Advanced Development Studies (INESAD), the Bolivian Academy of Economic Sciences (ABCE), and last but not least, Universidad Privada Boliviana (UPB), which is our host this year.

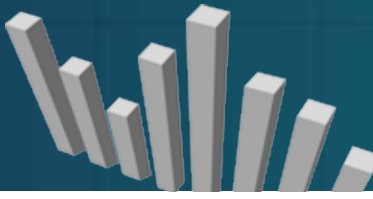
Yet again, the conference has expanded in both quality and quantity, as we continue our endeavor to bring together local and international scholars for the exchange of ideas, and the discussion of recent results within theoretical and applied development economics research. This year we received more than 135 submissions for the contributed scientific sessions, of which around 50 will be presented over the next two days.

We are very pleased and honored to have David Bishai from Johns Hopkins University and Francisco H.G. Ferreira from the World Bank as keynote speakers; as well as Luis Arce Catacora, the Bolivian Minister of Economy and Public Finance, and Tomás Serebrisky from the Inter-American Development Bank as special guest speakers. The conference will also include a roundtable titled “Productivity in Bolivia” with the participation of representatives from the public sector and the private sector, as well as two experts on the topic: Juan Carlos Elorza, Director of Productive and Financial Development at CAF-Development Bank of Latin America; and Beatriz Muriel from INESAD.

I want to thank our generous sponsors for making this event possible, and I would like to express our appreciation to all participants, especially those of you coming from other cities and from abroad, for joining us and sharing your valuable experience and ideas.

I wish you all open, productive, and intellectually stimulating discussions over the next days, and hope you enjoy the Conference and the city of La Paz.

Boris Branisa, Ph.D.
Chairman, Conference Organizing Committee BCDE 2016
President of SEBOL
Senior Researcher at INESAD



BIENVENIDOS

Distinguidos invitados, estimados colegas y amigos:

Me complace darles la bienvenida a la 7^{ma} Conferencia Boliviana en Desarrollo Económico. Esta Conferencia es co-organizada por la Sociedad de Economistas de Bolivia (SEBOL), el Instituto de Estudios Avanzados en Desarrollo (INESAD), la Academia Boliviana de Ciencias Económicas (ABCE) y, por último, pero no por ello menos importante, la Universidad Privada Boliviana (UPB) que es nuestra anfitriona este año.

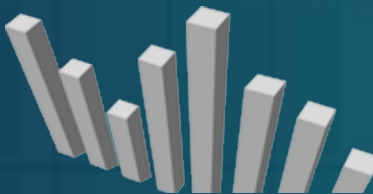
Una vez más, la conferencia se ha ampliado tanto en calidad como en cantidad, a medida que continuamos nuestro esfuerzo por reunir a investigadores locales e internacionales para el intercambio de ideas y la discusión de resultados recientes de la investigación teórica y aplicada en la economía del desarrollo. Este año recibimos más de 135 postulaciones para la presentación de trabajos en las sesiones científicas, de los cuales alrededor de 50 serán presentados durante los próximos dos días.

Estamos muy complacidos y honrados de contar con David Bishai de la Universidad Johns Hopkins y Francisco H.G. Ferreira del Banco Mundial como expositores principales; así como con Luis Arce Catacora, Ministro de Economía y Finanzas Públicas del Estado Plurinacional de Bolivia, y Tomás Serebrisky del Banco Interamericano de Desarrollo, como invitados especiales. La conferencia también contará con una mesa redonda titulada “Productividad en Bolivia” con la participación de representantes del sector público y del sector privado, así como de dos expertos en el tema: Juan Carlos Elorza, Director de Desarrollo Productivo y Financiero de CAF-Banco de Desarrollo de América Latina, y Beatriz Muriel de INESAD.

Quiero agradecer a nuestros generosos patrocinadores por hacer posible este evento, y deseo expresar nuestro reconocimiento a todos los participantes, especialmente a los que vienen de otras ciudades y del extranjero, por unirse a nosotros y compartir su valiosa experiencia e ideas.

Les deseo a todos discusiones abiertas, productivas e intelectualmente estimulantes para los próximos días, y espero que disfruten de la Conferencia y de la ciudad de La Paz.

Boris Branisa, Ph.D.
Presidente, Comité Organizador de la Conferencia BCDE 2016
Presidente de SEBOL
Investigador Senior de INESAD



Conference program

Wednesday, December 7, 2016

18:00 - 20:00 Welcome cocktail for presenters and organizers
Hosted by the Embassy of Brazil in Bolivia

Thursday, December 8, 2016

08:00 - 09:00 Registration
09:00 - 09:15 Opening ceremony: Welcome from host and conference organizers
09:15 - 10:00 **Special guest speaker: Luis Arce Catacora**
(Ministro de Economía y Finanzas Públicas de Bolivia)
"El Modelo Boliviano"
10:00 - 10:30 Coffee break
10:30 - 12:00 Parallel sessions A1, A2, A3, A4
12:00 - 13:15 Lunch break
Annual Assembly SEBOL
13:15 - 14:15 **First keynote lecture: David Bishai**
Professor of Health Economics (Johns Hopkins Bloomberg School of Public Health)
"Public Health as Sustainable Development"
14:15 - 15:45 Parallel sessions B1, B2, B3
15:45 - 16:15 Coffee break
16:15 - 17:45 **Panel session about "Productivity in Bolivia"**
Moderator: Boris Branisa (INESAD / SEBOL)
Panelists:

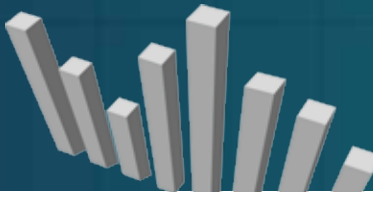
- René Fernando Peñarrieta (Viceministro de Comercio Interno y Exportaciones)
- Guillermo Pou Mont (Cámara Nacional de Exportadores)
- Juan Carlos Elorza (CAF - Banco de Desarrollo de América Latina)
- Beatriz Muriel (EMINPRO - INESAD)

18:00 Conference Dinner for presenters and organizers
(Buses will depart from the University)

Friday, December 9, 2016

09:00 - 10:30 Parallel sessions C1, C2, C3, C4
10:30 - 11:00 Coffee break
11:00 - 12:00 **Special guest speaker: Tomás Serebrisky**
Principal Economic Advisor (Inter - American Development Bank)
"Ahorrar para Desarrollarse: Cómo América Latina y el Caribe puede ahorrar más y mejor"
12:00 - 13:15 Lunch break
13:15 - 14:45 Parallel sessions D1, D2, D3, D4
14:45 - 15:15 Coffee break
15:15 - 16:45 Parallel sessions E1, E2, E3
16:45 - 17:45 **Second keynote lecture: Francisco H.G. Ferreira**
Senior Adviser (World Bank's Development Research Group)
"Monitoring Global Poverty: Past, Present and Future"
17:45 - 18:00 Closing ceremony
18:15 - 21:30 Farewell cocktail party (for all participants)

* To be confirmed



Summary of all parallel sessions

Thursday, December 8, 2016

10:30 - 12:00 hrs.

- Session A1: Rethinking Poverty and Fairness**
Room A11
- Session A2: Informal Markets**
Room Santa Cruz
- Session A3: International Economics**
Room A10
- Session A4: Information Session - Studying Economics at Home and Abroad**
Auditorium La Paz

14:15 - 15:45 hrs.

- Session B1: Labor Economics I (Session sponsored by EMINPRO)**
Auditorium La Paz
- Session B2: Environmental Economics & Climate Change**
Room Santa Cruz
- Session B3: Finance and Banking**
Room A11

Friday, December 9, 2016

09:00 - 10:30 hrs.

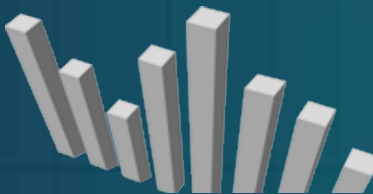
- Session C1: Urban Development (Session sponsored by INESAD)**
Auditorium La Paz
- Session C2: Labor Economics II**
Room Santa Cruz
- Session C3: Money, Prices and Exchange Rates**
Room A10
- Session C4: Childhood Development**
Room A11

13:15 - 14:45 hrs.

- Session D1: Gender Gaps**
Auditorium La Paz
- Session D2: Health**
Room Santa Cruz
- Session D3: Rural Development**
Room A10
- Session D4: Topics in development economics**
Room A11

15:15 - 16:45 hrs.

- Session E1: Experimental Economics**
Room Santa Cruz
- Session E2: Public and Political Economics**
Auditorium La Paz
- Session E3: External Shocks and Diversification**
Room A11



Parallel Sessions: Topics, authors and presenters

Day 1: Thursday, December 8, 2016

- **Session A1: Rethinking Poverty and Fairness**

Room A11, 10:30 - 12:00

Session Chair: Antonio Saravia

Measuring vulnerability to multidimensional poverty

Author: Mauricio Gallardo (Universidad Católica del Norte)

Presenter: Mauricio Gallardo

Demystifying the use of simultaneous equation models for operationalising Amartya Sen's capability approach

Authors: Ricardo Nogales (University of Geneva/ Universidad Privada Boliviana) and Jaya Krishnakumar (University of Geneva)

Presenter: Ricardo Nogales

Pope Francis's Economics: Good Intentions, Unfortunate Ideas

Author: Antonio Saravia (Mercer University)

Presenter: Antonio Saravia

- **Session A2: Informal Markets**

Room Santa Cruz, 10:30 - 12:00

Session Chair: Rodrigo Hernán Gonzales Zuazo

Evidence of the Impacts of Minimum Wage on Labor Market Outcomes: The Case of Bolivia

Authors: Marcelo Claure, Alejandra Leyton, Vanessa Sánchez Bohórquez (Universidad de los Andes) and Christian Valencia

Presenter: Vanessa Sánchez Bohórquez

Constrained potential: A characterization of Mexican microenterprises

Author: Ana Karen Negrete García (GIGA / University of Göttingen)

Presenter: Ana Karen Negrete García

Shocks Externos, Enfermedad Holandesa e informalidad en Bolivia

Author: Rodrigo Hernán Gonzales Zuazo (Ciess-Econométrica / Universidad Mayor de San Andrés)

Presenter: Rodrigo Hernán Gonzales Zuazo

- **Session A3: International Economics**

Room A10, 10:30 - 12:00

Session Chair: Jaime Jordan Costantini

International trade and non-explained wage gaps, cross section evidence for Bolivia, by gender

Authors: Oscar Jorge Molina Tejerina (Universidad Privada Boliviana) and Christian Daniel Alemán Pericón (Universidad Privada Boliviana)

Presenter: Oscar Jorge Molina Tejerina

Resiliencia a shocks externos transitorios en la economía boliviana

Author: José Miguel Molina Fernández (Universidad Mayor de San Andrés)

Presenter: José Miguel Molina Fernández

Habilidad para forzar el cumplimiento de relaciones contractuales: ¿cuánto vale como ventaja comparativa?

Author: Jaime Jordan Costantini (Universidad Privada Boliviana)

Presenter: Jaime Jordan Costantini

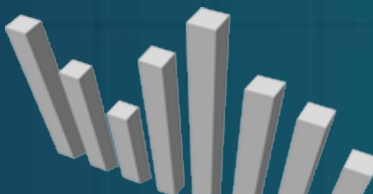
- **Session A4: Information Session - Studying Economics at Home and Abroad**

Auditorium La Paz, 10:30 - 12:00

Session Chair: Luis Castro

Information - Universidad de los Andes, Colombia

Presenters: Mauricio Valencia Amaya, Graduate Academic Coordinator and Nancy García Duarte, Graduate program Director



Information - Universidad Alberto Hurtado, Chile
Presenter: Mauricio Tejada, Assistant Professor,
Department of economics (ILADE) at Alberto Hurtado
University

Information - Universidad Privada Boliviana
Presenter: Luis Castro, Director of International
Programs (Universidad Privada Boliviana)

• **Session B1: Labor Economics I**

(Session sponsored by EMINPRO)

Auditorium La Paz, 14:15 - 15:45

Session Chair: Beatriz Cristina Muriel Hernández

Cambios en la estructura de la población socio-laboral
de la población boliviana (2001-2012)

Author: Jorge Veizaga (CEP)

Presenter: Jorge Veizaga

Resultados en Mercado Laboral: Una nueva mirada a
su relación con el tiempo de educación formal

Author: Pamela Córdova (Universidad Privada
Boliviana)

Presenter: Pamela Córdova

Pobreza, Ingresos Laborales y Trabajo en Bolivia

Authors: Ernesto Bernal (UTO), Beatriz Muriel
(INESAD) and Gabriela Olivarez (INESAD)

Presenter: Ernesto Bernal

Cycles versus Trends: The effects of Economic
Growth on Earnings in Bolivia

Authors: Beatriz Cristina Muriel Hernández (INESAD)
and Horacio Vera C.

Presenter: Beatriz Cristina Muriel Hernández

• **Session B2: Environmental Economics & Climate Change**

Room Santa Cruz, 14:15 - 15:45

Session Chair: Oswaldo Molina

¿Existe una relación entre Titulación y deforestación
en Bolivia?

Author: Juan Manuel Murguía (Inter-American
Development Bank)

Presenter: Juan Manuel Murguía

Food vulnerability in Guatemala: a static general
equilibrium analysis

Authors: Renato Vargas (Economist, independent),
Pamela Escobar (Systems Engineer, independent),
Maynor Cabrera (Economist, Fedes.org), Javier
Cabrera (Economist undergraduate student), Violeta
Hernández (Economist, independent) and Vivian
Guzmán (Economist, independent)

Presenter: Maynor Cabrera

The Perils of Climate Change: In Utero Exposure to
Temperature Variability and Birth Outcomes in the
Andean Region

Authors: Oswaldo Molina (Universidad del Pacífico)
and Victor Saldarriaga (Vancouver School of
Economics)

Presenter: Oswaldo Molina

• **Session B3: Finance and Banking**

Room A11, 14:15 - 15:45

Session Chair: Alejandro Vargas Sanchez

Bankruptcy Equilibrium: Efficiency and Contagion

Authors: Aloisio Araujo (IMPA-FGV) and J. Mauricio
Villalba (IMPA)

Presenter: J. Mauricio Villalba

Resiliencia de la Banca en Latinoamérica: Volando
con vientos de cola

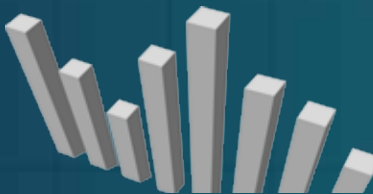
Author: Fabian Antonio Chahin Medrano (Banco
Nacional de Bolivia S.A.)

Presenter: Fabian Antonio Chahin Medrano

Anomalías de mercado y precios de oferta y demanda
en títulos de renta fija

Authors: Alejandro Vargas Sanchez (Universidad
Privada Boliviana) and Cristian Bruno Ayllón Calderón
(Universidad Privada Boliviana)

Presenter: Alejandro Vargas Sanchez



Day 2: Friday, December 9, 2016

• **Session C1: Urban Development**

(Session sponsored by INESAD)

Auditorium La Paz, 09:00 - 10:30

Session Chair: Osvaldo Nina

Competitividad Urbana

Author: Nelson Manzano (Universidad Mayor de San Simón)

Presenter: Nelson Manzano

Medición de la pobreza en el Municipio de La Paz

Author: Oficialía de Planificación para el Desarrollo del Gobierno Autónomo Municipal de La Paz

Presenter: Marcelo Arroyo (Secretario Municipal de Planificación del Desarrollo)

Percepción de la calidad de vida en las regiones metropolitanas de Bolivia

Author: Osvaldo Nina (INESAD)

Presenter: Osvaldo Nina

• **Session C2: Labor Economics II**

Room Santa Cruz, 09:00 - 10:30

Session Chair: Ricardo Nogales

Dependence or Constraints? Cash transfers and labor supply

Author: Diego Alejandro Vera Cossio (University of California)

Presenter: Diego Alejandro Vera Cossio

The impact of the external boom in a context of labor and wage policy in Bolivia

Authors: Rolando Morales, Erick Gomez (Ciess-Econométrica), Monica Cueto, Estefani Parisaca and Jazmin Illanes

Presenter: Erick Gomez

Skills as mediators in the relationship between education and work advantage

Authors: Jaya Krishkumar (University of Geneva) and Ricardo Nogales (University of Geneva / Universidad Privada Boliviana)

Presenter: Ricardo Nogales

• **Session C3: Money, Prices and Exchange Rates**

Room A10, 09:00 - 10:30

Session Chair: Luis Carlos Jemio

Money demand, income elasticity and financial innovation: A regional case study of Bolivia

Author: Casto Martín Montero Kuscevic (American University of Beirut)

Presenter: Casto Martín Montero Kuscevic

Price Promotions and Nominal Rigidities

Authors: Pablo Cuba Borda (Federal Reserve Board) and Daniel Hernaiz (Inter-American Development Bank)

Presenter: Pablo Cuba Borda

Apreciación Cambiaria en Bolivia

Author: Luis Carlos Jemio (INESAD)

Presenter: Luis Carlos Jemio

• **Session C4: Childhood Development**

Room A11, 09:00 - 10:30

Session Chair: Victoria Schreitter

Desigualdad de oportunidades en el desarrollo de habilidades durante la primera infancia en Chile

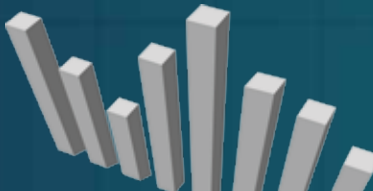
Authors: Juan Andrés Huentruquipay Pérez (Universidad Católica del Norte Coquimbo), Fabian Reyes (Universidad Católica del Norte Coquimbo) and Mauricio Gallardo (Universidad Católica del Norte Coquimbo)

Presenter: Juan Andrés Huentruquipay Pérez

What is the impact of food price changes on child outcomes? Evidence from four countries

Author: Victoria Schreitter (University of Oxford)

Presenter: Victoria Schreitter



• **Session D1: Gender Gaps**
Auditorium La Paz, 13:15 - 14:45
Session Chair: Mauricio Tejada

Tracking the between and within gender gaps in access to education in Bolivia (1999-2014)

Authors: Marcelo Gantier M. (Universidad Católica Boliviana), Alejandro Herrera Jiménez (INESAD) and Karen Martínez (IISEC)

Presenter: Alejandro Herrera Jiménez

International trade and unexplained gender wage gaps agriculture evidence for Bolivia

Authors: Oscar Jorge Molina Tejerina (Universidad Privada Boliviana) and Sergio Bobka Calcina (Universidad Privada Boliviana)

Presenter: Sergio Bobka Calcina

Sources of Gender Wage Gaps in Latin American Countries

Authors: Mauricio Tejada (Universidad Alberto Hurtado) and Marcela Perticará (Universidad Alberto Hurtado)

Presenter: Mauricio Tejada

• **Session D2: Health**
Room A11, 13:15 - 14:45
Session Chair: Carolina Cardona Cabrera

Household education spending in Latin America and the Caribbean: Evidence from income and expenditure surveys

Authors: Santiago Acereza (Universidad ORT Uruguay) and Néstor Gandelman (Universidad ORT Uruguay)

Presenter: Santiago Acereza

Una aproximación a los Determinantes Socioeconómicos de la Mortalidad Infantil y de Niñez en Bolivia: Uso de métodos indirectos de cálculo de mortalidad, análisis bivariado y análisis de supervivencia

Authors: Pamela Córdova (Universidad Privada Boliviana) and Marina Nicolaeva

Presenter: Pamela Córdova

Understanding Socioeconomic Inequalities and Geographical Patterns in Infant Mortality in Bolivia, 2001-2012 comparison

Authors: Carolina Cardona Cabrera (PAHO) and Oscar J. Mujica (PAHO)

Presenter: Carolina Cardona Cabrera

• **Session D3: Rural Development**
Room A10, 13:15 - 14:45
Session Chair: Eduardo Zegarra

Land tenure reform and grassland degradation in Inner Mongolia, China

Authors: Min Liu (Wageningen University), Liesbeth Dries (Wageningen University), Wim Heijman (Wageningen University), Jikun Huang (Chinese Academy of Sciences/ Peking University), Xueqin Zhu (Wageningen University) and Xiangzheng Deng (Chinese Academy of Sciences)

Presenter: Min Liu

Land titling and property rights: Does legislating small farm land as a non-sizable family asset improve small farmers' welfare?

Author: Juan Manuel Murguía (Inter-American Development Bank)

Presenter: Juan Manuel Murguía

Impactos Económicos de la Titulación de Tierras Rurales en Bolivia

Authors: Eduardo Zegarra (GRADE), Juan Manuel Murguía (Inter-American Development Bank) and Juan de Dios Mattos (Inter-American Development Bank)

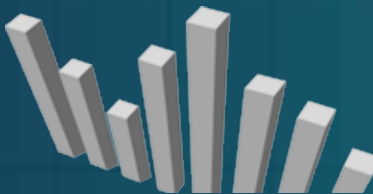
Presenter: Eduardo Zegarra

• **Session D4: Topics in development economics**
Room A11, 13:15 - 14:45
Session Chair: Verónica Amarante

Efectos Distributivos de la Inversión Pública en Infraestructura en Bolivia

Authors: Marcelo Gantier Mita (Universidad Católica Boliviana)

Presenter: Marcelo Gantier Mita



Visibly bad: Information availability and ability choice in a market for physicians

Authors: Edgardo Lara Córdova (Universidad Autónoma de Barcelona / Barcelona GSE) and Javier A. Rodríguez-Camacho (Universidad Autónoma de Barcelona/ Barcelona GSE)

Presenter: Javier A. Rodríguez Camacho

La brecha de género en jubilaciones y pensiones. Los casos de Argentina, Brasil, Chile y Uruguay

Author: Verónica Amarante (ECLAC)

Presenter: Verónica Amarante

• **Session E1: Experimental Economics**

Room Santa Cruz, 15:15 - 16:45

Session Chair: John Sseruyange

Inter-household transfers for the elderly and crowding out: Evidence from a natural experiment

Author: Horacio Vera Cossio (University of Nottingham)

Presenter: Horacio Vera Cossio

Do Incentives matter for Knowledge Diffusion? Experimental Evidence from Uganda

Authors: John Sseruyange (Makerere University / Wageningen University) and Erwin Bulte (Wageningen University)

Presenter: John Sseruyange

• **Session E2: Public and Political Economics**

Auditorium La Paz, 15:15 - 16:45

Session Chair: Joaquín Morales Belpaire

The Welfare Effects of Infrastructure Investment in a Heterogenous Agents Economy

Authors: John Gibson (Georgia State University) and Felix Rioja (Georgia State University)

Presenter: Felix Rioja

When politicians care about their people: "Electoral Competition and Economic Development"

Author: Wilber Baires (Pontificia Universidad Católica de Chile)

Presenter: Wilber Baires

Decentralized Aid and Democracy

Author: Joaquín Morales Belpaire (Universidad Privada Boliviana)

Presenter: Joaquín Morales Belpaire

• **Session E3: External Shocks and Diversification**

Room A11, 15:15 - 16:45

Session Chair: Lucía Mercedes Mauro

Firm migration to informality and trade openness in developing countries

Authors: Monica Cueto (Ciess-Econométrica) and Erick Gomez (Ciess-Econométrica)

Presenter: Monica Cueto

Economic complexity and regional growth performance: Evidence from the Mexican Economy

Authors: Juan Carlos Chávez (Banco de México), Marco T. Mosquedad (Banco de México) and Manuel Gómez Zaldívar (Universidad de Guanajuato/Banco de México)

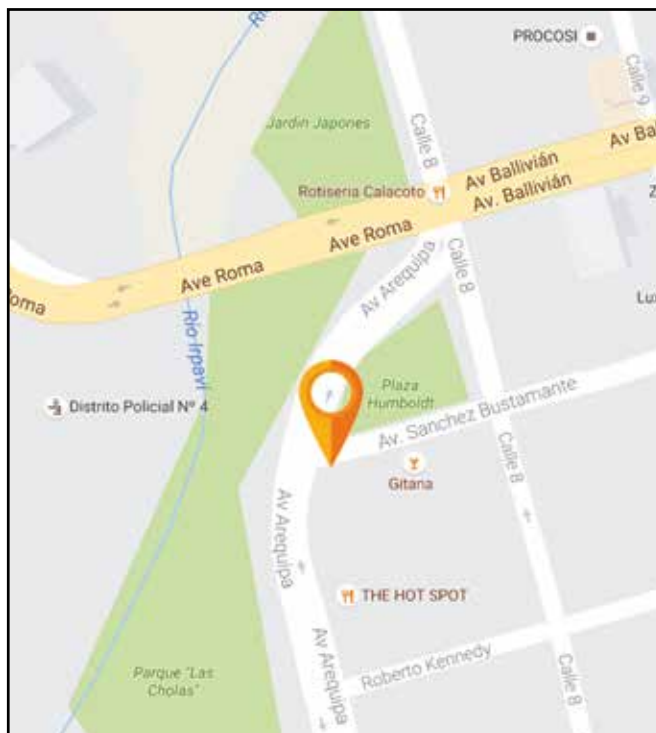
Presenter: Manuel Gómez Zaldívar

Entendiendo la diversificación productiva, un análisis de los factores asociados al vínculo entre productos

Authors: Lucía Mercedes Mauro (Universidad Nacional de Mar del Plata) and Anabel Marín (Conicet-Cenit)

Presenter: Lucía Mercedes Mauro

Buses schedule



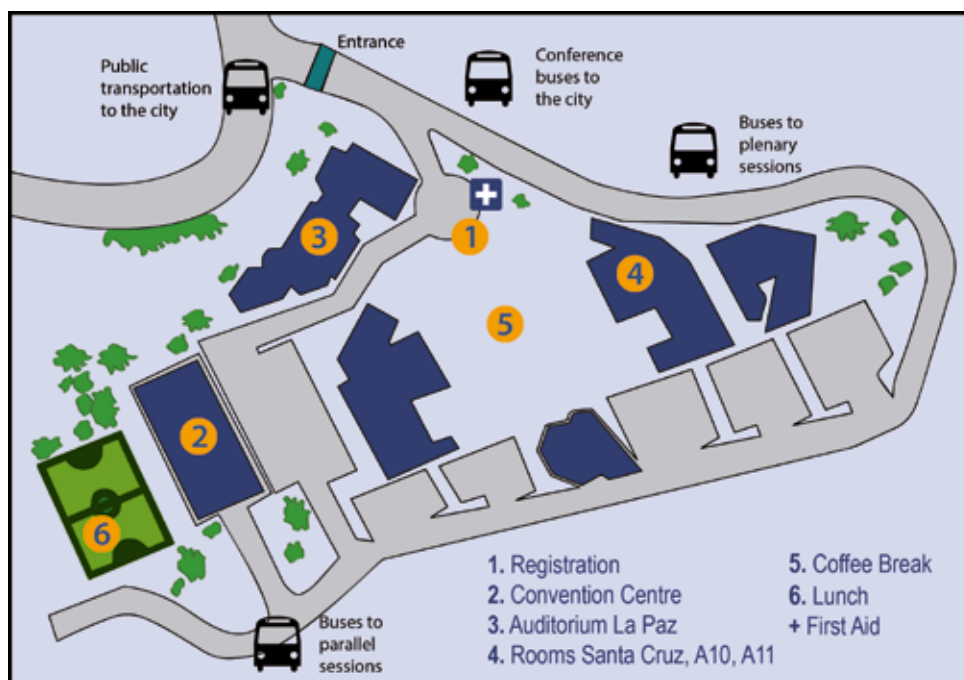
Thursday, December 8, 2016

Departure to the conference	Return to the city
From Av. Arequipa and Av. Sánchez Bustamante (Plaza Humboldt)	To Av. Arequipa and Av. Sánchez Bustamante (Plaza Humboldt)
07:30	12:15
07:45	16:00
08:00	18:00
09:45	
12:30	
13:30	
15:30	

Friday, December 9, 2016

Departure to the conference	Return to the city
From Av. Arequipa and Av. Sánchez Bustamante (Plaza Humboldt)	To Av. Arequipa and Av. Sánchez Bustamante (Plaza Humboldt)
08:00	12:15
08:15	18:15
10:15	21:00
12:30	21:30
14:30	
16:00	

Conference venue map



Address:

Campus UPB - La Paz,
Camino a Achocalla Km.
3.5, zona Kañuma

Phone:

(+591) 2 - 2165700

Conference Chairman:

Boris Branisa (INESAD / SEBOL)

Conference Organizing Committee:

Lykke E. Andersen (INESAD / SEBOL / ABCE)

Susana Baixeras (INESAD)

Gustavo Canavire (EAFIT / SEBOL)

Luis Castro (UPB / SEBOL)

Enrique García Ayaviri (ABCE)

Carlos Gustavo Machicado (INESAD / SEBOL)

Oscar Molina (UPB / ABCE / SEBOL)

Joaquín Morales (UPB / SEBOL)

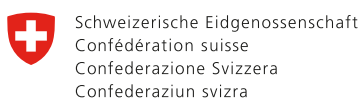
Ricardo Nogales (UPB / SEBOL)

Natalia Zegarra (INESAD / SEBOL)

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