

# Workshop

## “Innovation, industrial dynamics, and industrial policy”



**Universidad de Bogotá Jorge Tadeo Lozano,  
Friday, October 12, 2018**

The fields of industrial policy and industrial dynamics have been growing in the last decades and they encompass a broad stream of topics. Innovation, as an economic phenomenon that transforms industries endogenously is a relevant concern and constitute a key challenge for Latin American countries. Advances in theoretical models of industrial dynamics, increasing availability of data bases and improvement in the ability to understand complex systems, have all contributed to generate new empirical analysis, uncovering new interesting aspects on industrial dynamics that provide tools for industrial policy. At the same time, economic historians contribute to provide a framework for these analysis. In this context, the aim of the workshop is to bring about and discuss different approaches from economics and history in these broad fields.

## PROGRAM

**9.00 – 9.30 Registration**

**9.30 – 9.45 Welcome Address by Carlos Brando - Universidad de Bogotá Jorge Tadeo Lozano**

**9.45 – 10.45 Opening Session**

*Technical change, employment & inequality*

Tommaso Ciarli - SPRU - Science Policy Research Unit, University of Sussex

**10.45- 11.00 Coffee Break**

**11.00 – 12.30 Session 1: International trade and global value chains**

Chair: Marco Dueñas – Universidad de Bogotá Jorge Tadeo Lozano

*Colombian export capabilities: building the firms-products network*

Matteo Bruno – IMT Lucca

*Microdynamics of product diversification and value chain upgrading*

Jennifer Taborda – MERIT-United Nations University and Departamento Nacional de Planeación

*Power and Product Upgrading in Trade Relationships: Insights from Colombian Customs Data*

Tommaso Ciarli - SPRU - Science Policy Research Unit, University of Sussex

**12.30- 14.00 Lunch**

**14.00 – 15.30 Session 2: Industrial dynamics in Colombia**

Chair: Oscar Granados – Universidad de Bogotá Jorge Tadeo Lozano

*Growth dynamics of Colombian manufacturing plants in the context of liberalization*

Marco Dueñas – Universidad de Bogotá Jorge Tadeo Lozano

*PyMES manufactureras exportadoras en Colombia: Análisis microeconómico de su actividad con variables reales*

Fernando Mesa – Universidad de Bogotá Jorge Tadeo Lozano

*International trade, product diversification and coherence of Colombian manufacturing plants*

Mercedes Campi – CONICET and University of Buenos Aires

**15.30 – 15.45 Coffee Break**

**15.45 – 17.15 Session 3: Technology and industrial policy**

Chair: Mercedes Campi – CONICET and University of Buenos Aires

*Estimating technology improvement rates by mining patent data*

Giorgio Triulzi – Universidad de los Andes

*Propuesta de Analítica Predictiva para la Gestión de la Política Pública en la Industrialización en Colombia*

Julián Libreros – Universidad de Bogotá Jorge Tadeo Lozano

*What Determines the Adoption of Technologies for Renewable Energy Generation Across Countries?*

Xavier Durán Amorocho – Universidad de Los Andes

**17.15 – 17.30 Coffee Break**

**17.30 – 18.45 Panel: Evolution of the industry in Colombia**

Chair: Héctor Galindo – Pontificia Universidad Javeriana

*Auge y Caída de la Industria Colombiana, 1940-2010*

Salomón Kalmanovitz – Universidad de Bogotá Jorge Tadeo Lozano

Carlos Brando – Universidad de Bogotá Jorge Tadeo Lozano

*La industria colombiana en el SXXI*

Juan Esteban Carranza Romero – Banco de la República (Cali)

**18.45 – 19.00 Wrap Up**

Carlos Brando – Universidad de Bogotá Jorge Tadeo Lozano

*Instructions for presentations*

Paper presentation = 20 minutes

General discussion = 10 minutes

**Organizing Committee**

Marco Dueñas and Carlos Brando

**Info and contacts**

For more information, please contact: [marcoa.duenase@utadeo.edu.co](mailto:marcoa.duenase@utadeo.edu.co)

**Venue**

Sala oval, módulo 7, first floor (morning)

Hemiciclo Biblioteca (afternoon)

Universidad de Bogotá Jorge Tadeo Lozano, Cra. 4 #22-61, Bogotá, Cundinamarca, Colombia

<https://www.utadeo.edu.co/es/evento/academicos/workshop-innovacion-dinamica-industrial-y-politica-industrial/home/1>

**All welcome!**