

# Workshop on Economic Complexity and Development: Growth, Structural Change and Sustainability

2019

## Call for papers

Dec 09<sup>th</sup> and 10<sup>th</sup>, 2019

Federal University of Paraná - UFPR  
Curitiba – Brazil

Organized by



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The NeX-Núcleo of Economics and Complexity (PPGDE-UFPR) and SPRU-Science Policy Research Unit (Sussex University) are organizing a Workshop on **Economic Complexity and Development: Growth, Structural Change and Sustainability**.

The Workshop will be an opportunity for academics, policy makers, and the public to discuss frontier research, and its applications to policy, on topics related to economic development from a complexity perspective.

## Economics, Complexity and Development

Inclusive and sustainable economic development is a complex challenge for all countries. It is a complex phenomenon, involving heterogeneous agents, continuous innovations, and structural change, at multiple levels. Understanding the unbalances and discontinuities in the process of economic development requires tools and thinking suited to deal with complex systems and evolving dynamics.

Research on economic complexity provides extremely useful concepts and tools to study the relationship between economic growth, structural change and SDGs.

In recent years, with the advances in computer science, several micro and macro models representing the economy as a complex system have emerged. Such models are significantly contributing to understand the economy as the result of interactions between heterogeneous agents at multiple levels.

Empirical work investigating changes in the composition of economic structures describes the space of goods and sectors using tools from network and complexity theory.

Similarly, technological change, spatial dynamics, urban and natural ecosystems have been described as a complex adaptive system.

## Call for papers

We welcome submissions from all areas of economics, social and natural sciences that address economic development, structural change or sustainability (in the broad sense of the sustainable development goals (SDGs)), using concepts and methods from complexity.

## Keynote Speakers (confirmed)

**Hyejin Youn** (Kellogg School of Management, USA)  
**Andres Gomex-Lievano** (Harvard University, USA)  
Other guest to be confirmed.

## Round Table (confirmed)

**Andrea Roventini** (Sant'Anna School, It)  
**Esther Dweck** (Federal Univ. of Rio de Janeiro, Bra)  
Other guest to be confirmed.

## Key dates and submission

Submissions of papers should be in the form of a long abstract (2-3 pages) or a full paper.

Abstract/paper submission: **14 November**

Notification of acceptance: **21 November**

Full paper submission: **05 December**

Please submit the abstract/paper at the following link:

• <https://forms.gle/pNNpKzgsvDCuJk9A7>

## Free Registration

Registration is free and open for all interested audience, subject to availability (register soon!). To register:

• <https://forms.gle/XB6hDjoXB7UFzjwa8>

## Venue

Federal University of Paraná  
Department of Economics  
Avenida Prefeito Lothario Meissner, 632, Jardim Botânico  
Curitiba-PR

## Contact

### Coordination and Organization

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