

## SciREX Special Seminar

# Innovation System and Global Value Chain: Perspectives from Mining sector and beyond

- **Time & Date:** 15 : 00-17 : 00, January 22<sup>nd</sup> 2020 (14:40 door open)
  
- **Venue:** Conference Room 1AB, GRIPS  
7-22-1 Roppongi, Minato-ku, Tokyo (<http://www.grips.ac.jp/en/about/access/>)
  
- **Language:** English / Japanese (Simultaneous interpretation will be provided)
- **Registration:** Please register at the following registration form (<https://krs.bz/scirex/m?f=280>) **by noon on January 21<sup>st</sup>**.  
If you cannot open the form, please send email to GIST Secretariat, [gist-ml@grips.ac.jp](mailto:gist-ml@grips.ac.jp) Registration email must include: 1) your name, 2) institution, 3) position, and 4) e-mail address.

## SUMMARY

Previous studies have revealed that it is important for the global value chain to work well with the country's innovation system in order to utilize the benefits of globalization in its own economic activities and enhance industrial competitiveness. The purpose of this seminar is to show this by applying to the Latin American Mining sector.

In the first part, the mechanism of innovation in the mining sector will be explained. Mining sector has been considered as the “curse” that hampers industrial development. Recent researches from academia, WIPO and OECD portrays different picture with deeper insights on knowledge creation process in this sector.

The second part is the presentation by Prof. Carlo Pietrobelli, Head of Economic Department, University of Rome Tre and the former lead economist at the Inter-American Development Bank. He has been studying about the linkage between the global value chain and the innovation system for many years. He will discuss how innovation systems and global value chains can contribute to deeper understanding on sectoral issues as well as utilized for policy formulation with specific examples from the mining sectors and beyond. In particular, he will present some findings from “Industrial Value Chain and Competitiveness Project (cases of Peru, Argentina and Brazil)” of Inter-American Development Bank where he acts as project leader.

## TIME TABLE

15 : 00—15 : 05	Opening Remarks
15 : 05—15 : 30	Presentation I by Dr. Michiko Iizuka, professor of GRIPS
15 : 30—16 : 15	Presentation II by Prof. Dr. Carlo Pietrobelli, Professional Fellow, UNU-MERIT
16 : 15—17 : 00	Discussion Q&A

## ABOUT SPEAKERS



### **Prof. Dr. Carlo Pietrobelli**

**Head of Department of Economics, University of Roma Tre, Italy  
Professorial Fellow, The United Nations University –  
Maastricht Economic and Social Research Institute on  
Innovation and Technology (UNU-MERIT)**

He is a Professor of Economics at University Roma Tre, Italy, Professorial Fellow at UNU-MERIT, Maastricht, and Adjunct Professor at Georgetown University, Washington D.C.. During 2009-2016 was a Lead Economist at the Inter-American Development Bank, where he led the preparation of development loans in Latin America and the Caribbean on innovation and industrial policies, and on cluster and value chains programs, small and medium-sized enterprises and local economic development.

His research interests range from development economics to innovation, trade, industry and global value chains in developing countries. He has published widely in international journals and his last books were published by Harvard University Press, Edward Elgar, Palgrave and Routledge.

**[https://www.merit.unu.edu/aboutus/profile/?staff\\_id=156](https://www.merit.unu.edu/aboutus/profile/?staff_id=1560)**

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### **Dr. Michiko Iizuka, Professor of GRIPS**

Michiko Iizuka specializes in the policy studies on development, innovation in the area of sustainability, natural resources and agriculture in developing and emerging countries.

Prior to joining GRIPS, she was a research fellow at United Nations University Maastricht Economic and social Research and training center for Innovation and Technology (UNU-MERIT: 2008-2018), as an environmental officer at United Nations Economic Commission for Latin America and Caribbean (UNECLAC: 1997-2000) and a researcher at the International Development Center of Japan (IDCJ: 1993-1996, 2000-2002).

#### **Some reference publications related to the subject :**

- Pietrobelli, Carlo, Marin Anabel and Olivari, Jocelyn, 2018, *Innovation in mining value chains: New evidence from Latin America*, *Resources Policy*, Volume 58, October 2018, Pages 1-10 (Special Issue on Innovation in mining value chains)
- Iizuka, Michiko, Carlo Pietrobelli & Fernando Vargas, 2019, The Potential for innovation in mining value chains. Evidence from Latin America, UNU-MERIT Working Paper [2019-033](#)
- Forthcoming in Daly A., Humphreys D., Raffo J and Valacchi G. (Eds.), 2020, *Innovation and Mining*, Cambridge: Cambridge University Press for WIPO.