



NEWSLETTER 2025|15

CALENDAR

Departmental Seminar

Sebastian Jensen (Aarhus University)

"Modeling and projecting carbon dioxide emissions with neural networks"

IOS Seminar

Anna Minasyan (University of Groningen)

"Women's Rights and Global Development Policy"

Economic and Social History Seminar

Tamas Vonyó (Bocconi)

"The spoils of war: Military contractors of the Habsburg Empire in World War I"

Mon, June 23

14:15 - 15:30

H 26

Tue, June 24

13:30 - 15:00

109 and Zoom

Wed, June 25

18:00 - 20:15

PT 1.0.6



ABSTRACTS AND FURTHER INFORMATION

Departmental Seminar

Sebastian Jensen (Aarhus University)

“Modeling and projecting carbon dioxide emissions with neural networks”

We investigate the relationship between per capita gross domestic product and per capita carbon dioxide emissions using national-level panel data. We propose a novel semiparametric panel data methodology that combines panel fixed effects with a neural network regression component. Globally and for the regions OECD and Asia, we find evidence of an inverse U-shaped relationship, often referred to as an environmental Kuznets curve (EKC), in production-based emissions. For OECD, the EKC-shape disappears when using consumption-based emissions data, suggesting the EKC-shape observed for OECD is driven by emissions exports. We also project carbon dioxide emissions through 2100 using scenarios from the Shared Socioeconomic Pathways (SSPs), developed for the IPCC Sixth Assessment Report. We find that baseline projections from the most popular integrated assessment models (IAMs) are consistent with historical experience for the scenarios with lowest socioeconomic challenges for mitigation (SSP1 and SSP4). For the scenarios with highest socioeconomic challenges for mitigation (SSP2, SSP3, and SSP5), we predict lower emissions than the baseline IAM projections under the assumption that future climate policy continues to be strengthened at the historical pace.

Info:

in person



IOS Seminar

Anna Minasyan (University of Groningen)

“Women’s Rights and Global Development Policy”

This study examines the impact of gender-marked bilateral development aid on women’s legal rights and economic participation in aid-eligible countries from 1990 to 2021. Using a panel dataset combining gender-marked aid data with the World Bank’s Women, Business and the Law database, we employ two econometric methods – panel fixed effects with unit-specific trends and a shift-share instrumental variable approach. Our results suggest that gender-marked aid promotes legal reforms advancing women’s economic rights. We also find a positive association between this aid and women’s employment in the industry sector, but no such effect for the services or agriculture sectors. These findings highlight the potential of targeted aid to support gender equality reforms and enhance women’s economic participation.

Info:

In person in Room 109 and via Zoom-Meeting:

<https://ios-regensburg-de.zoom.us/j/61791297400?pwd=qWXxKXto1E81Sjz6RMmte3DbaoID6H.1>

Meeting ID: 617 9129 7400

Passcode: 194924

Economic and Social History Seminar

Tamas Vonyó (Bocconi)

“The spoils of war: Military contractors of the Habsburg Empire in World War I”

The economic history of the world wars has focused mainly on national economies, much less on the role of enterprise in the war economy. Historians had greater interest in how the state managed the economy in wartime than how wars changed the economy. My ERC project examines the economic impact of World War I in the former Habsburg Empire and the growth of industrial enterprises with quantitative methods. This article exploits two inventories of war contractors by the Imperial War Ministry of Austria-Hungary to construct an original database of almost four thousand firms disaggregated by region and industry, documenting the size of their workforce and of their war contracts. I examine how the war enhanced industrial concentration spatially and between and within industries.

Info:

in person



CONFERENCES, PRESENTATIONS AND ANNOUNCEMENTS

PRESENTATIONS

On June 23rd from 10:15 to 11:45, Dr. Benjamin Elsner will give a guest Zoom lecture on Regression Discontinuity in the Impact Evaluation Methods class. Ben is a UR graduate who is a Professor of Economics at University College Dublin. Please, use the Zoom link below to attend the talk. (<http://www.benjaminelsner.com/>)

Zoom link: <https://uni-regensburg.zoom-x.de/j/65675318709?pwd=Nxlgy3ypQYvbXMHWOVQaIja>

Meeting ID: 656 7531 8709

Passcode: 077752

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Editorial deadline for Newsletter No. 2025|16:

Wednesday, June 25 | 11 am

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