

BONN ECON NEWS

May 5–9, 2025

Overview

Workshops and seminars

Tuesday, May 6, 2025

ECONtribute LawEcon Workshop

Henrik Sigstad (BI Norwegian Business School)

“Machine Learning and Deterrence”

Wednesday, May 7, 2025

MEF/ECONtribute Seminar (Macro/Econometrics/Finance)

Harald Fadinger (University Vienna)

“Industrial Policy, Supply Chains and Directed Technological Change: Evidence from Rare Earths”

Finance/CRC Seminar

Cynthia Balloch (London School of Business)

“TBA”

Micro Theory Seminar

Alexander Teytelboym (University of Oxford)

“TBA”

Workshops and seminars

Tuesday, May 6, 2025

ECONtribute LawEcon Workshop

Henrik Sigstad
(BI Norwegian Business School)

"Machine Learning and Deterrence"

Time

18:00–19:15 CET

Abstract

TBA

Location

Juridicum, Reinhard Selten Room (0.017)

Wednesday, May 7, 2025

MEF/ECONtribute Seminar (Macro/Econometrics/Finance)

Harald Fadinger
(University Vienna)

"Industrial Policy, Supply Chains and Directed Technological Change: Evidence from Rare Earths"

Time

12:15–13:30 CET

Location

Juridicum, Faculty Meeting Room (U1.040)

Abstract

Industrial policies, while often aimed at bolstering domestic industries, can unintentionally spur technological progress abroad. We document this mechanism in the case of rare earth elements (REE) – critical inputs for manufacturing and the green transformation, with low elasticity of substitution, inelastic supply, and high production and processing concentration in China. To assess the importance of REE across industries, we construct an input-output table incorporating individual REE inputs. Using REE-related patents classified by a large language model, sectoral TFP data, and matched trade data, we show that the introduction of REE export restrictions led to a global surge in innovation and exports in REE-intensive downstream sectors outside of China. To rationalize these findings and quantify the global impact of the adverse REE supply shock, we develop a quantitative general equilibrium model of trade and directed technological change. Under endogenous technologies, input-supply restrictions shift the direction of innovation in downstream sectors toward scarce inputs when inputs are gross complements, which can lead to the expansion of these sectors.

Finance/CRC Seminar

Cynthia Balloch (London School of Business)	"TBA"
Time 14:45–16:00 CET	Abstract TBA
Location Juridicum, Faculty Lounge (0.036)	

Micro Theory Seminar

Alexander Teytelboym (University of Oxford)	"TBA"
Time 16:30–17:45 CET	Abstract TBA
Location Juridicum, Faculty Meeting Room (U1.040)	