

Research Seminar in Economics

Dear Professors, Students and Colleagues,

I would like to invite you to the next Research Seminar in Economics with:

Philipp Bach
(Freie Universität Berlin)

**Causal Machine Learning - New Estimation Approaches
for Empirical Economics**

Date: Thursday, October 23

Time: 12:15 p.m. – 1:30 p.m.

Location Lecture: HS 104, Garystr. 21, 14195 Berlin

Location Reception. Kaminzimmer, Blotzmannstr. 20, 14195 Berlin

Abstract:

In this welcome event, Philipp Bach will present his research on causal machine learning and its applications in empirical economics. High-performance machine learning algorithms have been a significant innovation that has transformed research across various fields over recent decades. However, applying machine learning techniques for empirical economic analysis, such as policy evaluation, presents specific statistical challenges. Philipp Bach will provide an overview of his current research projects, outline his future research plans, and offer an outlook on upcoming topics for teaching econometrics at FU Berlin.

and

Shushanik Margaryan
(Universität Potsdam)

An Applied Micro Perspective on Causal Machine Learning

Abstract:

Recent development in econometrics offer new ways for causal evaluation. This talk presents an applied perspective on the role of machine-learning based modeling in microeconometrics with a focus on education, labour economics, and health economics. We'll discuss the huge potentials and open challenges of ML-based causal evaluation as compared to established estimation approaches.

More information and the current program of the **Research Seminar in Economics** can be found [here](#).

If you want to unsubscribe from the seminar alert please use our [contact form](#)

Best regards,
Kerstin Brunke

