

# ARGE Masterclass 2023 “Econometrics of Energy Markets”

## Call for Papers

### Date

July 4-5, 2023

### Location

DIW Berlin  
Mohrenstraße 58  
10117 Berlin

### Format

In person for 30; 6 lectures plus 4 student presentations;  
broadcast per video conference

### Submission

Please send CV and in case of applying for a place  
in the student presentations, a paper/ extended abstract  
by March 15, 2023.

Decisions will be sent by March 31, 2023

### Scientific Organizer

Kerstin Bernoth, Vice Dean DIW Graduate Center

### Organizers

Daniela Centemero, Leonie Lenger, Christiane Zschech

### Contact

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We are soliciting the first ARGE MASTERCLASS for doctoral Students and Postdoctorates of members of the ARGE (Arbeitsgemeinschaft deutscher wirtschaftswissenschaftlicher Forschungsinstitute). The Masterclass consists of a combination of lecture and four presentations.

The Masterclass is given by **Christiane Baumeister** (University of Notre Dame; NBER; CEPR).

Structural vector autoregressions are the workhorse models in empirical macroeconomics. The goal of this course is to equip participants with state-of-the art Bayesian methods for empirical research and policy analysis. The first part of the course challenges the current practice of identification of VAR models by introducing a more general Bayesian framework that encompasses standard identification approaches as special cases. Drawing structural inference from VAR models requires making use of prior information.

This course provides formal tools of Bayesian analysis that allow to incorporate prior beliefs about both the structural coefficients and the impacts of shocks in a flexible way and to characterize the contribution of prior information. The second part of the course applies this framework to modeling the global oil market to study the determinants of oil price fluctuations and the macroeconomic consequences of oil price shocks.

July 4:	Morning	2x90 minutes	Lecture with Christiane Baumeister
	Afternoon	2x90 minutes	Lecture with Christiane Baumeister
			Dinner/ Get together
July 5:	Morning	2x90 minutes	Lecture with Christiane Baumeister
	Afternoon	4 Slots	for presentation and discussion

Travelling expenses should be covered by your institutions.

We look forward to receiving your submissions.