



*Vortrag im Rahmen des Seminars*

# **Forschungskolloquium | Research Seminar**

Autor:

**Justus Heuer**

Titel:

**Analyse der Stabilität von Energiesystemen**

Abstract:

This research proposal consists of three proposed research projects in energy economics with a focus on the competitiveness of renewable energy use. The first research project investigates the effect of Contracts for Difference as a public investment support mechanism for renewable electricity on their cost of capital and, subsequently, the energy system itself.

The second research project focuses on the interplay of political intervention, expectations of market actors, and their investment decisions in emission trading systems, analyzing the likelihood of the occurrence of a negative feedback loop. The third, single-authored research project builds a model for the free energy balance of different types of resources in the global energy system to make predictions on the viability of green growth and sustainable transition pathways.