

The IER Seminar in Empirical Economics

We would like to invite you to the **Empirical Seminar** series organized by the Institute of Economic Research, Slovak Academy of Sciences, Šancová 56 that will be held in hybrid form (online and at the library of the Institute of Economic Research, Slovak Academy of Sciences). The seminar will take place on **June 13th, 2023 at 10.00 a.m. (CET)**.

The speaker will be **Florian Horky** (Zeppelin University, Friedrichshafen, Germany).

The topic of the seminar is: ***Turbulent Times for Cryptos: Networks of high-activity Bitcoin Traders***

Author: Florian Horky

Abstract

The attention the bitcoin cryptocurrency has received in recent years has led to an increase in the number of transactions and active market participants. This analysis uses a large and comprehensive dataset of Bitcoin transactions. Specifically considering the movement of high-activity addresses with more than 500 weekly transactions, individual weekly networks are created, clusters identified, and their interconnectivity measured and visually represented. Extracted network parameters are used in a simple regression framework to investigate their influence on the cryptocurrency's price and volume. Through the analysis of structural breaks, political and macroeconomic developments and their connection to Bitcoin can be highlighted.

This work is a preliminary analysis, unveiling technical possibilities of analysing the streams and networks of Bitcoin transactional flows.

The seminar will be co-chaired by Mária Širaňová.

Link: <https://teams.microsoft.com/l/meetup-join/19%3aN1DbFP4xWw8up59Qx5Y-CJmz8Q-Y4jniJZWjqs6Q9RA1%40thread.tacv2/1686123137575?context=%7b%22Tid%22%3a%2217c92093-1286-4bb4-b6ea-02f3119dd49c%22%2c%22Oid%22%3a%22dab7fd44-1715-4397-8059-4adfa112d04a%22%7d>