

### Activity summary of CIAS research fellow in Budapest

Grant category:  junior  senior

**Name:** Helmut Azacis

**Home institute** (name, position, country): Cardiff University, Reader in Economics, UK

**Academic Year / Semester:** 2020-21 spring

**Duration:** 6 months

**Project title:** Repeated Implementation of the Competitive Outcome

**Project description\*:** A competition authority (CA) wishes to implement the competitive outcome, but it does not know the true production costs of firms. The firms will want to benefit from information asymmetry and operate closer to the monopoly outcome. Therefore, we want to know if the CA can prevent the collusion by firms. That is, under what conditions, can the CA construct a mechanism that would elicit the true costs and, at the same time, implement the competitive outcome?

**Achieved result(s)\*:** Jointly with my co-author, Péter Vida from CY Cergy Paris Université, we produced a working paper, entitled "Fighting Collusion: An Implementation Theory Approach".

#### Connected publications\*

1.

**Title:** Fighting Collusion: An Implementation Theory Approach

**Date:** August 16, 2021 (submission date)

**Journal:** Review of Economic Studies

**Journal category** (if applicable):  Q1  Q2  Q3

**Status:**  accepted/published  in progress  planned

#### Professional partnerships\*

1.

**Name:** Péter Vida

**Institution:** CY Cergy Paris Université

**Field of research:** Economic Theory

**Future plans for joined research:** Work on the extension of the project and develop a numerical method to find the best outcome that the competition authority can achieve.

2.

**Name:** Pintér Miklós

**Institution:** Corvinus University of Budapest

**Field of research:** Economic Theory

**Future plans for joined research:** Incorporate ambiguity into the mechanism design theory.

**Additional activities\*** (public lectures, presentations, professional meetings, media connections etc.):

1. Presented my recent work, entitled "A General Model of International Tax Competition with Applications" (with David Collie) at the departmental seminar of the Institute of Economics, Corvinus University of Budapest, April 14, 2021.
2. Presented my work on the project "Repeated Implementation of the Competitive Outcome", at the 3rd CIAS International Workshop, April 29, 2021.
- 3.

**Future plans, planned return (if any):**

- I plan to return to Hungary later
- I plan to maintain my professional contacts via e-mail
- Any other comment:

\*Please give us a properly detailed summary.

Date: 09.09.2021.

Signature: H. Azacis