

Report on the 2nd CIAS workshop

The 2nd CIAS workshop was held on the 12th November 2020. The workshop was online and shared with Microsoft Stream. The aim of the workshop was to present the widespread research activities of the CIAS. The workshop was divided into three main sections; the First Section addressed a variety of presentations connected to the Corvinus Centre for Operations Research (CCOR). It was followed by presentations from the Laboratory for Networks, Technology & Innovation (NeTI Lab) in the Second Section. In the Third Section the participants could gain insights into the research field of the CIAS research fellows.

Dr. Tibor Illés, the professional head of CCOR opened the First Section. In his speech, he gave an introduction of the research center. The opening was followed by the presentations of CCOR researchers on their field of research and their findings. Miklós Pintér delivered a speech about *Strategic ambiguity*, which was followed by the presentation of Dr. Marianna Eisenberg-Nagy with the title: *Linear complementarity problem: applications and algorithms*. The next speaker was Dr. Petra Rigó, who provided a presentation about *Interior-point algorithms in optimization*. The last presentation of the first section was *Nucleolus-based bankruptcy rules*, prepared by Dr. Tamás Solymosi.

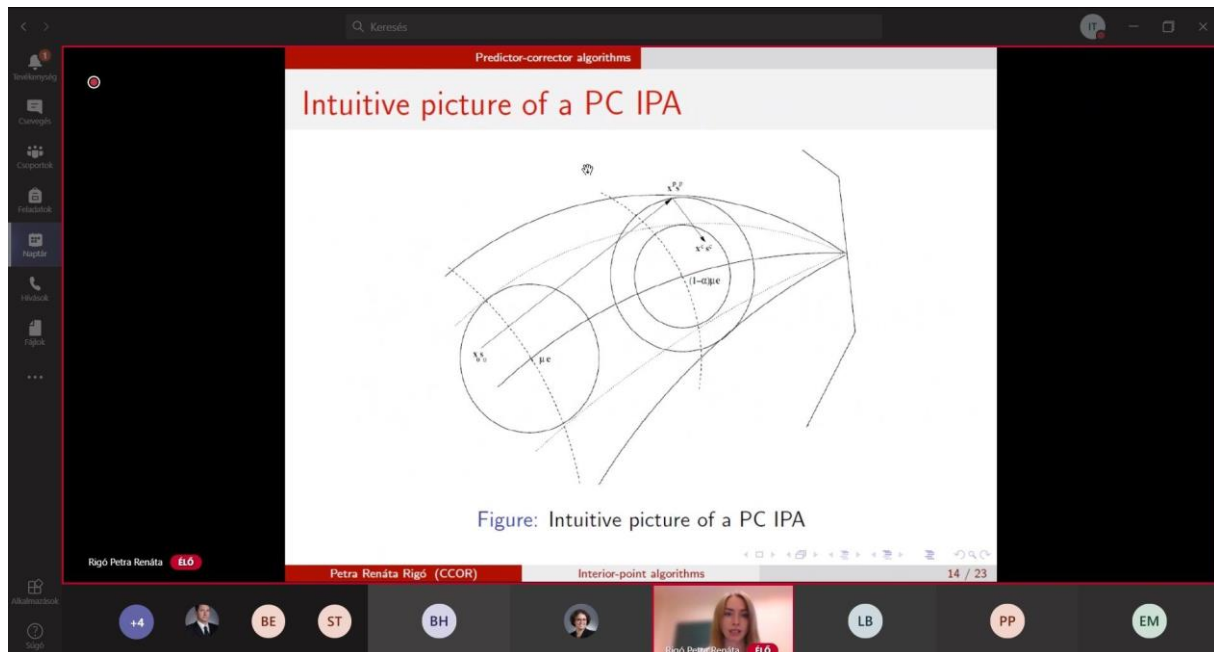


Figure 1. Dr. Petra Rigó's presentation

The Second Section offered an overview of the research activities of NeTI Lab, chaired by the head of CIAS, Dr. Zoltán Oszkár Szántó. First, Dr. László Lőrincz, the manager of the research center introduced the colleagues and main research fields of NeTI Lab. Secondly, Dr. Eszter Bokányi and Dr. Sándor Juhász talked about *the effect of commuting on the structure and assortativity of online social ties*. After this, Dr. Balázs Lengyel presented his research on *the role of geography in the complex diffusion of innovations*. Following this, Dr. László Lőrincz introduced his research with the title of *Global connections and the structure of skills in local co-worker networks*. Last but not least Rebeka O. Szabó, presented her findings on *the composition and dynamics of problem-solving teams in escape rooms*.

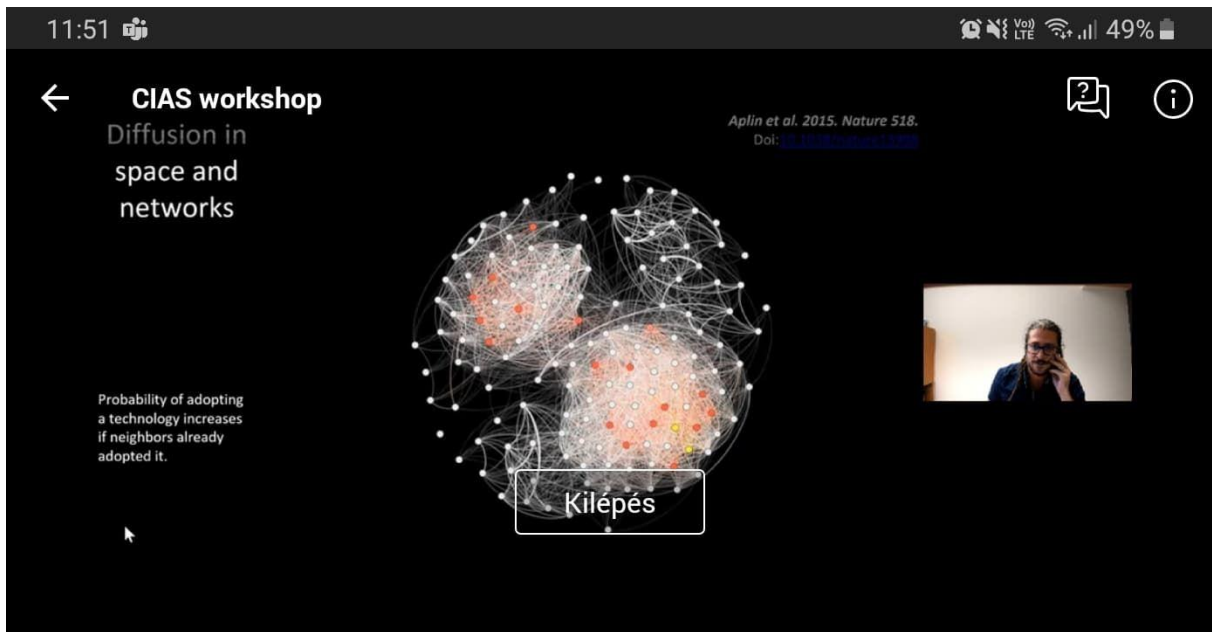


Figure 2. Presentation of Dr. Balázs Lengyel

After the lunch break, the last section was dedicated providing information about the research fields of the CIAS research fellows. This section was chaired by Dr. Huba Brückner who is the chief scientific advisor of CIAS. Moreno Frau PhD, the junior faculty research fellow of 2019/20 fall semester presented his research about *Digital transformation through the lens of digital data handling: an exploratory analysis of agri-food SMEs*. Finally, Dr. Szabolcs Sebrek prepared a presentation of his research area: *Too much of distracting influences: Evolution of (the lack of) administrative attention in a city captured by overtourism*.

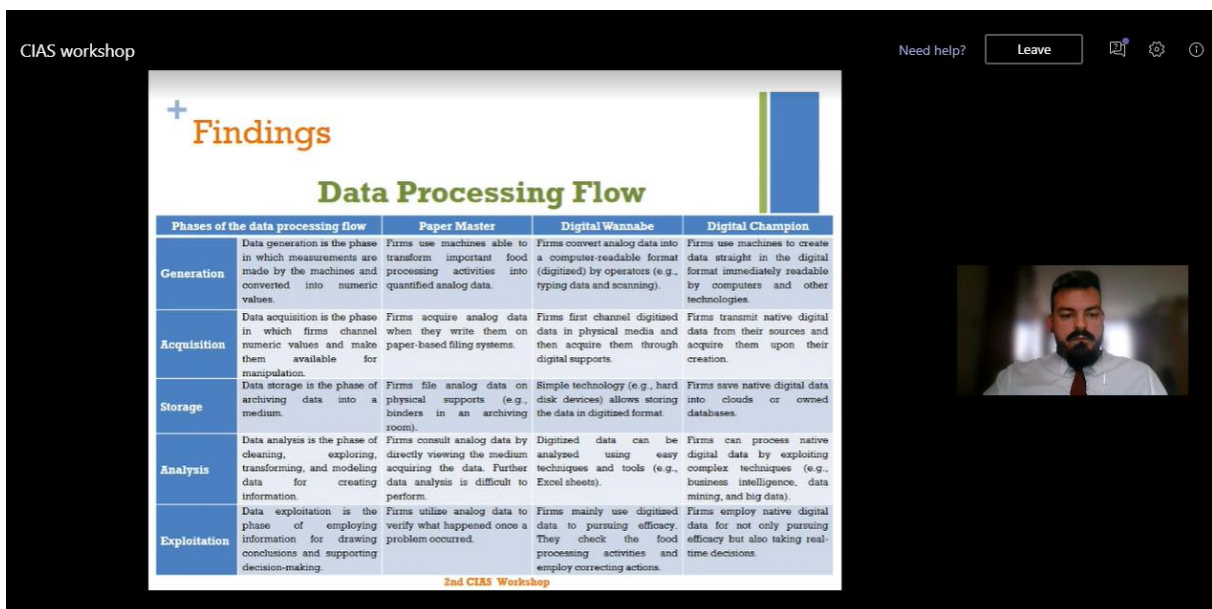


Figure 3. Moreno Frau's findings

Section I. CIAS-CCOR presentations Chair: Dr. Tibor Illés, professional head of CIAS-CCOR	
9.00 – 9.30	Introduction of the Corvinus Centre for Operations Research (CCOR) <i>by Tibor Illés, the professional head of the research centre</i>
9.30 – 9.50	Miklós Pintér <i>Strategic ambiguity</i>
9.50 – 10.10	Marianna Eisenberg-Nagy <i>Linear complementarity problem: applications and algorithms</i>
10.10 – 10.30	Petra Rigó <i>Interior-point algorithms in optimization</i>
10.30 – 10.50	Tamás Solymosi <i>Nucleolus-based bankruptcy rules</i>

10.50 – 11.10	Coffee Break
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Section II. CIAS-NetiLab presentations Chair: Dr. Zoltán Oszkár Szántó, head of CIAS	
11.10 – 11.30	Introduction of the Laboratory for Networks, Technology & Innovation (NeTI Lab) <i>by László Lőrincz, the manager of the research centre</i>
11.30 – 11.50	Eszter Bokányi – Sándor Juhász <i>The effect of commuting on the structure and assortativity of online social ties</i>
11.50 – 12.10	Balázs Lengyel <i>The role of geography in the complex diffusion of innovations</i>
12.10 – 12.30	László Lőrincz <i>Global connections and the structure of skills in local co-worker networks</i>
12.30 – 12.50	Rebeka O. Szabó <i>Composition and dynamics of problem-solving teams in escape rooms</i>

12.50 – 13.50	Lunch
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Section III. Presentations by CIAS research fellows & Conclusions Chair: Dr. Huba Brückner, chief scientific advisor, CIAS	
13.50 – 14.10	Moreno Frau (junior faculty research fellow, 2019/20 fall semester) <i>Digital transformation through the lens of digital data handling: an exploratory analysis of agri-food SMEs</i>
14.10 – 14.30	Szabolcs Sebrek (research fellow) <i>Too much of distracting influences: Evolution of (the lack of) administrative attention in a city captured by overtourism</i>
14.30 – 14.50	Online discussion for the whole day & Summary