



Center for Collective Learning

**Transnational Hybrid Seminar for Participants
From V4+Si an Excellence Hubs And Era Chairs
Prague, 17 October 2023**

Who we are

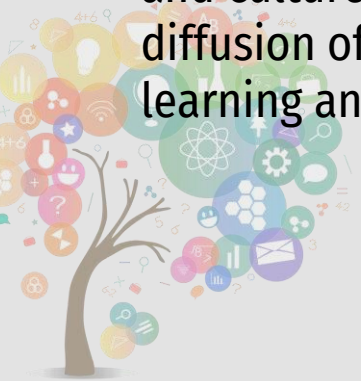
Our mission

We are interested in understanding how knowledge moves, grows, and decays, from teams to nations, and from the past to the future.

We study how technology, geography, and culture impact the growth and diffusion of knowledge using machine learning and data science tools.

Our work

The Center for Collective Learning (CCL) is a multidisciplinary research center with offices at the Artificial and Natural Intelligence Institute (ANITI) of the University of Toulouse and at the Corvinus Institute of Advanced Studies (CIAS) at Corvinus University.



What are we known for



Economic Complexity:

For nearly 20 years we have pioneered the use of machine learning and network science tools to study economic development. This includes seminal concepts, such as the product space, the network of related economic activities used to anticipate and strategize industrial diversification strategies, and the economic complexity index (ECI), a popular international development statistics explaining international variations in future economic growth, inequality, and emissions.

Digital Democracy:

We have developed digital democracy platforms to scale nuanced deliberation and expand the boundaries of social choice theory.

Urban Perception:

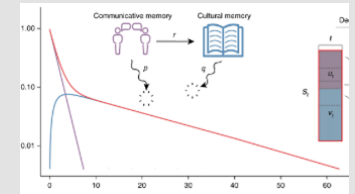
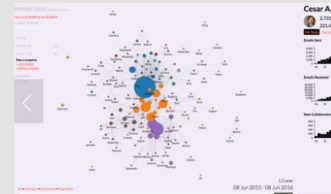
We pioneered the use of crowdsourcing and machine learning methods to map and understand urban perception and physical urban change.

Data Visualization:

We have built dozens of data visualization platforms and experiences.

Collective Memory:

We have explored the role of languages, technology, and time on collective memory.



About the project

Name of the project:

**Project 101086712 — LearnData
HORIZON-WIDERA-2022-TALENTS-01**

Coordinator: **Corvinus University of Budapest**

ERA Chair holder: **Cesar A. Hidalgo**

Starting date: **1 January 2023**

End date: **31 December 2027**



Our aims

The main aim was

- to **establish a new, data science focused lab** that can attract **young and ambitious researchers** and
- can **cooperate** with research **labs** and **institutes** at the university while
- improving the international embeddedness of Corvinus.



Keys to success

Strong support from the University

Previous experience with international grants

Finding the right team

The project's objectives are extremely pertinent to the work program, they are well explained, clear, measurable, verifiable and achievable and have long term effects



Challenges

First ERA Chair application in Hungary

Intensive work in the last 4 weeks

Close and daily teamwork with strict deadlines



Tips for new applicants

Plan ahead - 1 year earlier the submission deadline

Close teamwork with **clear responsibilities** and **deadlines** to be met by everyone

Sufficient **time for proofreading**

Well structured and manageable work packages in a **logical, efficient** and **goal-oriented** manner



Thank you for your attention!

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