**Dr. Pierre-Alexandre Balland**



Chief Data Scientist at **CEPS**, Visiting Professor

at **Harvard**, while leading innovative companies in the AI

and blockchain sectors. Regular keynote speaker at global

events for policy and business leaders such as **Slush** & **Unleash**.

Leading expert in **complex economic systems** & **applied AI**,

his work has been cited more than 9,000 times. Unique experience

at the intersection of academic research and entrepreneurship.

Translates **technical innovations** into market-ready solutions

that solve real business problems, with a strong ability to

identify **product-market fit** for emerging technologies.

**Professional Experience**

Chief Data Scientist, **Centre for European Policy Studies** (2023-now)

Visiting Professor, **Harvard Kennedy School** (2024-now)

ESIR Expert Group, **European Commission** (2019-now)

Founder & MD, **Argos Strategy Group** (2018-now)

Founder & CEO, **71West** (2022-now)

Visiting Professor, **Artificial and Natural Intelligence Toulouse Institute** (2021-2024)

Assistant/Associate Professor, **Utrecht University** (2014-2024)

Visiting Professor, Massachusetts Institute of Technology (2018-2019)

Visiting Professor, University of California, Los Angeles (2016)

**Digital Tools**

AI World [aiworld.eu] - The world's leading AI analytics & visualization observatory

EconGeo: One of the most used spatial analytics engines & recommender system in R

HistPat: Leading historical patent dataset (1836-now)

**Key Scientific Publications**

The New Paradigm of Economic Complexity, *Research Policy* (2022)

Mapping the potentials of EU regions in in Industry 4.0 technologies, Regional Studies (2021)

Complex Economic Activities Concentrate in Large Cities, *Nature Human B.* (2020)

Smart Specialization Policy in the European Union, *Regional Studies* (2019)

The Principle of Relatedness, *Unifying Themes in Complex Systems* (2018)

**Major Grants (>1M)**

European Ecosystem of Excellence in AI, *Google.org* (2024-2025)

ST4TE – Twin Transition in Europe, *Horizon Europe* (2024-2027)

PILLARS – Pathways to Inclusive Labour Markets, *Horizon 2020* (2021-2023)

TREND – Transition with Resilience for Evolutionary Development, *Horizon 2020* (2019-2024)

Resilient Cities, *JPI Urban Europe* (2014–2017)