

Bacry, Emmanuel

French Data Health Hub



Emmanuel Bacry currently serves as the Scientific Director of the French Health Data Hub. He is the Director of Research at the CNRS (French National Centre for Scientific Research) at Paris Dauphine University PSL and he holds a senior chair at the PR[AI]RIE Institute. For over 4 years, he served as a Mathematics Professor as well as the head of the Big Data & Data Science Initiative at Ecole Polytechnique. He was one of the main organizers of the largest French Summer School on AI (“DS3 - Data Science Summer School”) on Ecole Polytechnique’s campus (bringing together more than 500 participants from 35 countries). He is also currently the general chair of the Summer/ Winter School AI4Health, organized by the Health Data Hub and three Interdisciplinary Institutes of Artificial Intelligence (3IA) gathering above 400 participants from all over the world. In March 2020, he was commissioned by the Prime Minister to co-lead the “Data versus Covid” Task Force. Emmanuel Bacry’s research has always been guided by a constant concern for applications, particularly in the fields of statistical finance, health and more recently in sustainable development. Between 2015 and 2020, Emmanuel Bacry led a partnership between Ecole Polytechnique and the French National Health Insurance Fund (CNAM) to develop Big Data methodologies based on the national healthcare system claims databases (SNDS); one of the largest medico-administrative databases in the world. In this context, he worked on various applications such as detecting weak signals in pharmacoepidemiology or optimization of healthcare pathways of a given pathology. As an AI expert, Emmanuel Bacry is a member of several French and international scientific boards and committees including the AI Group @Dubai2020 for the organisation of the 2021/2 World Expo which will take place in Dubai. Emmanuel Bacry holds a PhD in Mathematics from ENS (École normale supérieure de Paris) where he graduated in 1992. He additionally obtained his Accreditation to Supervise Research (“Habilitation à diriger des recherches”) in 1996.