

Positions

2022-todo Inria, Head of the Soda team

- ◇ 4 faculty researchers, 25 people total
- ◇ Machine learning for health and social sciences

2019-2020 Université McGill et MILA (Montréal), invited professor

- ◇ Neurosurgery department : brain imaging & mental health ; MILA : machine learning.

2019-today Inria, research director

- ◇ Machine learning for health and social sciences.

2011-2019 Inria, research faculty (chargé de recherche)

- ◇ Machine learning for brain imaging, psychology, and mental health

2010-2011 INSERM, Post-doc

- ◇ Pronostic of mental deficits of strokes.

2008-2010 Inria, post-doc

- ◇ Unsupervised learning to model brain resting state.

Summer 2008 UC Berkeley, software engineer *Brain Imaging Center*

Été 2008 Enthougt Inc, Austin Texas, scientific software consultant

- ◇ Data processing and visualization (mostly for petrol industry)

Autumn 2007–Spring 2008 LENS (European Laboratory for Non-linear Spectroscopy), Florence

- ◇ Atomic physic post-doc

Publications I have been publishing in the best venues of machine learning, medical imaging, neurosciences, and medicine. I have an “h-number” of 58, and my publications have been cited 95 000 times on [Google Scholar](#).

Responsibilities and community service

Director of the scikit-learn consortium Scikit-learn is **one of the most used machine-learning tools** with more than 2 000 contributors and 1 million monthly users. I started the project in 2010, have been contributing since, and manage the community and relations with industry.

MOOC machine learning with scikit-learn I have directed the creation of a MOOC to teach to every engineer practice of machine learning and intuitive understanding.

Editorial Responsibilities Current : **Senior Program Committee** IJCAI, **Area chair** NeurIPS, Program committee ICML, AISTATS, AACL, **Editor** Machine Learning Journal – Past : **Program chair**, IEEE Pattern Recognition in NeuroImaging 2013 elife (high-impact biology journal) **Editor** à NeuroImage.

Evaluation Panel ANR 2016 Panel : Data, Knowledge, Big data, Multimedia, Artificial Intelligence

Awards

Highly-cited researcher 2022, Clarivate.

Highly-cited researcher 2021, Clarivate.

Prix de l'Académie des Sciences du transfert 2019, The French National Academie of Science.

François Erbsmann Prize Honorable mention, 2013 The most prestigious award in medical imaging.

Nominated member of the Python Software Foundation

FOSS India award 2008 shared with Prabhu Ramachandran, for Mayavi

Éducation

Habilitation à Diriger les Recherches	University Paris Saclay, in computer science	2018
Doctorat	Institut d'Optique, atom interferometry, supervisor Alain Aspect	2005-2008
Mastère	École Normale Supérieure Paris : Quantum-physics masters	2003-2004
	Ecole Normale Supérieure Paris : physics major	2001-2004