

Short Curriculum Vitae

Christophe Phillips, Ir., Ph.D., Prof.

Contact details are available in the [University of Liège directory](#). A more extended version of this CV is available [here](#).

Current position

Appointment at the [University of Liège](#), Belgium:

- **FRS-FNRS Research Director**, leading the [Laboratory of Development in Data Acquisition and Modeling](#), at the [GIGA CRC Human Imaging](#) research unit, [GIGA Institute](#);
- **Professor**, [Department of Electrical Engineering and Computer Science](#), aka. "Montefiore Institute", [School of Engineering](#).

Honorary Research Associate, [Machine Learning and neuroimaging Lab](#), [Centre for Medical Image Computing](#), University College London, UK.

Diplomas:

PhD in Applied Sciences. January 2001, supervised by Prof. P. Maquet and Prof F.X. Litt, "Summa cum laude", ULiège. Title: [Source estimation in EEG: Combining anatomical and functional constraints](#).

Master in Electrical Engineering (or. Electronics). June 1996, "Summa cum laude", ULiège. Title: "3D image reconstruction from cone-beam projections".

Teaching duties

Courses at ULiège

- [Medical imaging](#), master in biomedical engineering & electrical engineering (5 ECTS), School of Engineering, ULiège, since 2008.
- [Neuroimaging data analysis](#), masters in biomedical & electrical engineering (2 ECTS), School of Engineering, ULiège, since 2023.
- [Principles of Neuroengineering](#), master in biomedical engineering & electrical engineering (5 ECTS), with Profs G. Drion, P. Sacré & A. Franci, School of Engineering, ULiège, since 2022.
- [Eléments d'informatique médicale](#), master in nuclear medicine and in radiotherapy (2 ECTS), Faculty of Medicine, ULiège, since 2021.

International workshops

- teaching at "[Statistical parametric Mapping](#)" (SPM) courses on fMRI/VBM/PET and M/EEG data processing,
 - official courses at the Wellcome Trust Centre for Neuroimaging, University College London, UK, from 2002 till 2023;
 - several other locally organised workshops at the University of Edinburgh (UK, Montreal (Canada), Nara (Japan) and Shenzhen (China);

- "[Pattern Recognition for Neuroimaging Toolbox](#)" (PRoNTo) yearly two-day courses, Department of Computer Science, University College London, UK, 2012-2018 & 2021 (online).
- "[Pattern Recognition for Neuroimaging](#)" one-day Educational Course, annual Organization for Human Brain Mapping meetings, 2014-2018 & 2020.

Students and postdocs supervision

- Since 2005, supervision of 29 students in (mostly biomedical) engineering for their master's project
- Since 2008, supervision of 19 PhD students thesis in engineering and biomedical science.

Scientific impact

Publications

All the publications are **available in open access** via [Orbi@ULiège](#) and [ORCID](#) page. The list of publications and publication indexes are available on [Google Scholar](#) and [Scopus](#).

Software developments

Contribution to existing & personal toolboxes

- "[Statistical Parametric Mapping](#)", [SPM](#).
- "[Pattern Recognition in Neuroimaging Toolbox](#)", [PRoNTo](#).
- "[Histological MRI](#)" - hMRI toolbox. Quantitative MRI modelling and processing.
- "[shamo](#)" (Stochastic HeAd MOdelling). Accurate and realistic eletromagnetic head modeling for EEG and tDCS.
- "[BIDSme](#)". Multimodal dataset BIDS-ification.

Other bits of code produced at the CRC/GIGA-research are distributed under an open source license via the Cyclotron Research Centre's [GitHub](#) or [GitLab](#) platforms.

Community

Reviewing and editing

- Member of several Ph.D. jury evaluation committees in Belgium at ULiège (in the Faculty of Applied Sciences, Psychology, and Medicine) and UGhent, as well as abroad (Maastricht University, INRIA Paris , University of Birmingham, Kings College London);
- Editor for for "[Scientific Reports](#)" and "[Aperture](#)" (the OA journal driven by [OHBM](#))

Service to the community:

- Organization for Human Brain Mapping, *Ad hoc* member of the "Program Committee" (2018-2021) and Council member (Treasurer, 2022-2025).
- Former board member of the "Belgian Society for Neuroscience".
- *De facto* member of the Faculty Council, Faculty of Applied Sciences, ULiège.
- Scientific staff representative in commissions for the designation of new Academics, Faculty of Applied Sciences, ULiège.