

# Short Curriculum Vitae

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**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

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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:

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**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

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### 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.
- [Éléments 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

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### 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

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### 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 (Tresurer, 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.