

# Carsten Wolters

## Curriculum vitae

*Institute for Biomagnetism  
and Biosignalanalysis,  
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### Personal information

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### Scientific Education

- 2017 Prof. (apl) of Neurosciences and Biomedical Engineering, Medizinische Fakultät, Westfälische Wilhelms-Universität (WWU) Münster, Germany.
- 2008 Habilitation in Mathematics, Fachbereich Mathematik und Informatik, Mathematisch-Naturwissenschaftliche Fakultät, WWU Münster, Germany.
- 2003 Dissertation in Mathematics, Fakultät für Mathematik und Informatik, Universität Leipzig, Germany.
- 1997 Diploma in Mathematics with Minor in Medicine, RWTH Aachen, Germany.

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### Research and Professional Experience

- since 12/2008 Head of the working group [SIM-NEURO](#) (“Stimulation, Imaging and Modeling of NEUROnal networks in the human brain”), Institute for Biomagnetism and Biosignalanalysis ([IBB](#)), WWU Münster, Germany.
- 03/05-11/08 Research associate, IBB, WWU Münster, Germany.
- 02/04-02/05 Research associate, Scientific Computing and Imaging Institute ([SCI](#)), University of Utah, Salt Lake City, USA.
- 11/00-01/04 Research associate, Max Planck Institute (MPI) for Mathematics in the Sciences Leipzig ([MPI-MIS](#)) in cooperation with the MPI for Human Cognitive and Brain Sciences Leipzig ([MPI-CBS](#)), Germany.

- 11/97-10/00 Research associate, MEG-group of the MPI-CBS in cooperation with the MPI-MIS.
- 07/96-12/96 Programmer, Patient Monitoring Division, Hewlett-Packard Medical Products Group, Böblingen, Germany.
- 02/95-04/95 Student assistant, INSERM-Unité 66, Paris, France.
- 07/94-07/96 Student assistant, Institute for Geometry and Applied Mathematics ([IGPM](#)), RWTH Aachen, Germany.
- 08/93-12/93 Student assistant, [Institute of Physiology](#), RWTH Aachen, Germany.
- 09/92-06/93 Student assistant, [INSERM-Unité 280](#), Lyon, France.
- 09/92-06/93 DAAD-Scholarship of the INSA de Lyon and studies at the Université Claude Bernard Lyon I, Lyon, France.
- 02/91-04/91 Mathematisch-technischer Assistent, Kolvenbach KG, Elektrofluid Technik, Aachen, Germany.

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## Basic Military Service

- 10/89-10/90 [Zerstörer Bayern](#), Navy. See also [article](#).

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## Education

### Professional Education

- 08/86-07/89 Education for Mathematisch-technischer Assistent, Rechenzentrum, WWU Münster, Germany. Examination at the Chamber of Industry and Commerce, Cologne, Germany.

### School Education

- 1977-1986 Private Arnold-Janssen-Gymnasium in Neuenkirchen-St.Arnold, Germany.
- 1973-1977 Buckhoff-Grundschule, Emsdetten, Germany.

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## Languages

- English fluent in spoken and written.
- French fluent in spoken and written.
- Latin advanced level, "großes Latinum".
- Finnish basic knowledge.

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## Computer skills

- Programming languages C++/C, Fortran, PLM, PL/1, Foxbase, Modula-2, REXX, Pascal

Operating systems Unix, OSX, Windows, DOS, CMS, MVS

Parallelisation Message Passing Interface

Others CURRY, BESA, Matlab, LaTeX, Word, Powerpoint, Excel, Gnuplot, Gimp

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### Voluntary Service

09/13-07/16 Treasurer for the Igel and Luchs classes, Wartburg Grundschule, Münster, Germany.

since 09/12 Cash audit for the Deutsch-Finnische Gemeinschaft, Münster, Germany.