

Curriculum Vitae

Pedro Cardoso, MSc.

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PERSONAL DETAILS	Birth: 01.03.1979, Évora – Portugal Citizenship: Portugal – EU Civil Status: Single	
EDUCATION	Escola Secundária Gabriel Pereira , Évora, Portugal <ul style="list-style-type: none">High School, Natural Sciences University of Évora , Évora, Portugal <ul style="list-style-type: none">Lic. (= MSc) Physics Base training in Physics, with components in Condensed Matter Physics, Geophysics and Atmospheric Physics. Vienna University of Technology , Vienna, Austria <ul style="list-style-type: none">DI. (= MSc) Biomedical Engineering – Medical Physics & Imaging Development of new biological materials, instruments, processes, sensors, simulation and illustration procedures. Modelling of organs, implants and physiological processes. Implementation of new technical solutions in biology and medicine. Medical University of Vienna , Vienna, Austria <ul style="list-style-type: none">PhD Clinical Neurosciences Interdisciplinary interaction of diagnostic and therapeutic disciplines in combination with basic biomedical research applied to disorders of the nervous and muscular systems.	1994/10 - 1997/07 1997/10 - 2004/07 2009/03 - ongoing 2012/12 - ongoing
PROFESSIONAL EXPERIENCE	Physics, Quantum Mechanics and Mathematics tutor , Évora, Portugal University of Vienna , Vienna, Austria <ul style="list-style-type: none">Scientific research assistant Field: Astronomy Medical University of Vienna , Vienna, Austria <ul style="list-style-type: none">Scientific research assistant Field: Clinical Neurosciences	2004/03 - 2004/07 2007/10 - 2008/11 2012/12 - ongoing
ADDITIONAL FORMATION	Assoc. Jovens Professores Região Alentejo , Évora, Portugal <ul style="list-style-type: none">Professional Instructor Ability Certificate	2005/05 - 2005/07

DATAlentejo – Formação Profissional, Lda., Évora,
Portugal

- Environmental Management 2007/05 - 2007/06
- Pagination with Adobe PageMaker 7.0 2007/03 - 2007/04

University of Évora, Évora, Portugal

- “*Supercomputing & Numerical Techniques in Astrophysics Fluid Flow Modelling*” International Program 2008/02

University of Vienna, Vienna, Austria

- “*‘Getting from the Page to the Stage’ – Presenting Data in Front of a Big (Critical) Audience*” Seminar 2008/06/17
- “*Scientific Publishing*” Seminar 2008/05/08

PUBLICATIONS

Co-authored Articles:

- S.D. Robinson, V. Schöpf, **P. Cardoso**, A. Geissler, F.P. Fischmeister, M. Wurnig, S. Trattnig, R. Beisteiner, “Applying independent component analysis to Clinical fMRI at 7 T”, *Front. Hum. Neurosci.*, 7 (Sep. 2013): 496
- B. Dymerska, B.A. Poser, W. Bogner, E. Visser, K. Eckstein, **P. Cardoso**, M. Barth, S. Trattnig, S.D. Robinson. “Correcting dynamic distortions in 7T echo planar imaging using a jittered echo time sequence”, *Magn Reson Med* (2015), DOI: 10.1002/mrm.26018

Conference Proceedings:

- **P. Cardoso**, A. Geissler, F.PhS. Fischmeister, S. Trattnig, R. Beisteiner, S.D. Robinson, “A nearly model free fMRI analysis method based on reproducible responses applied to 7 T clinical fMRI”, *Proc. OHBM 2012*, #7138
- **P. Cardoso**, A. Geissler, F.PhS. Fischmeister, S. Trattnig, R. Beisteiner, S.D. Robinson, “uN-BIASED: A nearly model-free fMRI analysis method based on reproducible responses and applied to 7 T clinical fMRI”, *Proc. ESMRMB 2012*, #33
- **P. Cardoso**, V. Schöpf, A. Geissler, F.PhS. Fischmeister, M. Wurnig, S. Trattnig, R. Beisteiner, S.D. Robinson, “Using ICA to improve mapping of motor activation in 7 T clinical fMRI”, *Proc. OHBM 2013*, #3495
- B. Dymerska, B. Poser, W. Bogner, E. Visser, **P. Cardoso**, M. Barth, S. Trattnig, S.D. Robinson, “Dynamic Correction of Geometric Distortions in EPI: ‘CURED’”, *Proc. ISMRM-ESMRMB 2014*, #0866
- **P. Cardoso**, F.PhS. Fischmeister, A. Geissler, M. Wurnig, S. Trattnig, R. Beisteiner, S.D. Robinson, “uNBIASED - A Fully Automated Model-Free fMRI Analysis Method Based on Response Reproducibility”, *Proc. ISMRM-ESMRMB 2014*, #4136

ADDITIONAL DETAILS

Languages:

- Portuguese (native speaker)
- English (fluent)
- German (good)
- Spanish (good)
- French (basic knowledge)

Technical Skills:

- *Programming Languages*: Matlab, Fortran 77-95
- *Applications*: LaTeX, Microsoft Office, and other common productivity packages for

Windows, Linux and MacOS platforms

- *Operating Systems*: Microsoft Windows 7/Vista/XP/98, Linux, Mac OS

Driving Licence: B

Military service: Served.

CHARACTERISTICS

- Very good analytical/logical abilities;
- Easy adaptability to new problems/finding solutions;
- Learning ease;
- Willingness to learn more;
- Group spirit;
- Interest in human and public relationships.

INTERESTS

Photography, music, arts, fashion, swimming.

Vienna, 20 November 2015