# Daniele Marinazzo, PhD

| CONTACTS | @dan_marinazzo |
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| CURRENT POSITION | Full Professor (hoogleraar), Department of Data Analysis, Faculty of Psychology and Educational Sciences, University of Ghent, Belgium |

| PREVIOUS RESEARCH POSITIONS | | |
|---|---|---|
| | **Laboratory of neurophysics and physiology, CNRS UMR 8119** | 2008-2010 |
| | **Neurophysiology and New Microscopies Laboratory CNRS UMR 8154** | 2011 |
| | *Neurophysiology of visual computation*, *Postdoc* | |
| | **University of Bari, Italy** | |
| | ***Physics Dept.****Research assistant, PhD candidate, Postdoc* | 2002-2008 |
| | **University of Twente**, The Netherlands *Research Assistant* | 2001-2002 |

| EXTERNAL APPOINTMENTS | | |
|---|---|---|
| | **Research Hospital San Camillo**, Venice, Italy *Scientific Consultant* | 2019- |
| | **UESTC**, Chengdu, China *Protocol Professor* | 2015-2018 |
| | **ANC**, Edinburgh, UK *Visiting Scientist, HPC Europa grantee* | 2007 |
| | **University of Nijmegen**, NL *Visiting PhD student* | 2007 |

| ACADEMIC SERVICE | | |
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| | **EBRAINS Belgium**, Spokesperson for Ghent University | 2022- |
| | **FFPW UGent**, Member of the Commission for Scientific Research | 2014-2019 |
| | **FFPW UGent**, Member of the Commission for Internationalization | 2019- |
| | **Institute of Neuroscience**, Ghent Member of the Scientific committee | 2013-2016 |

| MENTORSHIP | | |
|---|---|---|
| | **Google Summer of Code** | 2018 – |
| | **OHBM mentorship program** | 2017 – |
| | **UGent mentorship program** | 2017 – |

| ACADEMIC TEACHING | | |
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| | **UGent** | |
| | *Case studies in the analysis of experimental data, Master in Psychology* | 2015- |
| | *Neuroimaging data analysis*, Master in Psychology | 2015- |
| | *Data Analysis for Cognitive Sciences*, Master in Psychology | 2011-2014 |
| | Academic Teacher Qualification in Physics and Neuroscience, France | |
| | **UAM**, Spain *Neural Computation*, Graduate School | 2009-2012 |
| | **ENP - Paris Neuroscience School**, France *Patch clamp in vivo* | 2009 - 2013 |
| | **University of Bari**, Italy | |
| | *Brain connectivity*, Master class | 2014 |
| | *Computational Physics*, Master | Term 2007-2008 |
| | *Advanced techniques of signal analysis*, Master | Term 2007-2008 |
| | *Analysis of biological signals*, Master | Term 2007-2008 |

| SUPERVISION OF GRADUATE AND UNDERGRADUATE STUDENTS | |
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| | 15 PhD students as main supervisor, UGent |
| | 8 PhD students as member of the guidance committee, UGent |
| | 30 MSc students across six programs and three faculties, UGent |
| | 18 Erasmus+ visitors and trainees, UGent |

| FUNDING | 4.400.000 EUR in personal and collaborative projects, excluding grants that I supervised but were directly awarded to the students, as well as travel and research stays grants. |
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| REVIEWER AND PANEL ACTIVITY | Rewiewer for several (30+) journals in neuroscience, biology and statistical physics. |
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| | Reviewer for several individual and collaborative EU grant proposals (ERC, Horizon 2020) |
| | Reviewer for ANR (French National Research Agency), INRIA (French Institution for Informatics and AI), DFG (German National Research Agency), Spanish Ministry of Science, Italian Ministry of Science |
| | Selected for the pool of panel members by FWO (Flemish Research Funds), 2019 |

| PUBLICATIONS | >200 papers and conference contributions<br>https://scholar.google.com/citations?user=OJbWSLoAAAAJ&hl=en. | |
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| EDITORIAL<br>ACTIVITY | PLoS Computational Biology | Deputy Editor, 2019 - |
| | PLoS Computational Biology | Academic Editor, 2016 - 2019 |
| | PLOS | Complexity Channel Editor, 2018 - |
| | NeuroImage | Editorial Board Member, 2017 - |
| | Network Neuroscience | Academic Editor, 2016 - |
| | Brain Topography | Academic Editor, 2018 - |
| | PLOS One | Academic Editor, 2013 - |
| | Neurons, Behavior, Data Analysis, and Theory (NBDT) | Co-Editor in chief, 2018 - |
| ACADEMIC<br>MEMBERSHIPS | Founder and member of the Belgian node of the INCF; member of Society for Neuroscience, Belgian Society for Neuroscience, Organization for Computational Neuroscience (Director 2016-2018), Organization for Human Brain Mapping, IEEE | |
| SELECTED INVITED<br>EDUCATIONAL<br>LECTURES | BrainModes Educational Course, | 2019, 2022 |
| | Advanced topics in cognitive and clinical neuroscience, Univ. Lausanne and EPFL, Geneva | 2018 |
| | OHBM Educational - Connectivity in Electrical Neuroimaging, Vancouver, Canada | 2017 |
| | SPM Course, Edinburgh, UK | 2017,2019 |
| | Resting State and Brain Connectivity Conference Educational, Vienna, Austria | 2016 |
| SELECTION OF<br>INVITED TALKS | CCS Annual meeting, Information Theory satellite | 2022 |
| | OHBM Annual Meeting, Singapore, Invited Oral Contribution | 2018 |
| | ISMRM Italian Chapter, Padua, Italy | 2018 |
| | BrainModes conference | 2013, 2015, 2017, 2018, 2022 |
| | Quantitative Biomedicine for Health and Disease, Bilbao, Spain | 2015, 2017 |
| | Network Neuroscience Satellite, NetSci, Indianapolis, USA | 2017 |
| | World Congress of the International Society of Psychophysiology, Cuba | 2016 |
| | Nonlinear and model-free connectivity workshop, Frankfurt, Germany | 2012, 2014, 2016 |
| | Controversies in EEG Source Imaging Workshop, Chengdu, China | 2014 |
| SELECTION OF<br>ORGANIZED<br>SYMPOSIA AND<br>CONFERENCES | OHBM Annual Meeting, Symposium and Educational Course Co-organizer | 2017, 2018, 2022 |
| | BrainModes Conference and Workshop | 2016, 2019, 2022 |
| | NeuroTechSchool | La Havana, 2018 |
| | Network Neuroscience NetSci Satellite and brainhack, 2018, 2021, 2022 | |
| | OCNS annual meeting | Antwerp, 2017 |
| | Symposium at IOP biannual conference | Cuba, 2016 |
| | Belgian Neuroinformatics conference | Leuven, 2015 |
| | NIPS satellite workshop on connectivity | Granada, 2011 |
| KNOWLEDGE<br>TRANSFER | Science dissemination via social media, participation in public lectures (international organization such as Skype a Scientist and Lecturers Without Borders) and events (DataBeers Brussels, Belgian Data Science meetings, organization of public collective coding events (hackathons)) | |
| AWARDS | Belgian Chair at the University of London, awarded by the Belgian Embassy in UK | 2019-2020 |
| | Belgian Society for Neuroscience nominee for the Kavli Scholar Prize | 2018 |
| | Top reviewer in Neuroscience. Publons award | 2016-2017-2018 |
| | Winner of NeurIPS Challenge: causality for climate | 2019 |
| | Winner of BioMag Challenge: connectivity in reconstructed sources | 2016 |
| MAJOR<br>COLLABORATIONS | University College London, (K.J. Friston), IFISC, Spain (L. Lacasa), UESTC, China (P.A. Valdes Sosa, B. Biswal, D. Yao), Cuban Neuroscience Center (M. Valdes Sosa, P.A. Valdes Sosa), Indiana University (O. Sporns), Charite University Clinic Berlin (P. Ritter, S. Haufe), Imperial College London (F. Rosas), Harvard University (Xin Yu, Blaise Frederick), Dept. of Movement Sciences KU Leuven (D. Mantini), Coma Science Group ULG (S. Laureys), Bari University (S. Stramaglia), BioCruces Research Center (J.Cortes), Palermo University (L. Faes), San Camillo IRCCS (G. Arcara, G. Pellegrino, G. Ferrazzi) | |