

Daniele Marinazzo, PhD, Full Professor

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PREVIOUS RESEARCH POSITIONS	Laboratory of neurophysics and physiology, CNRS UMR 8119 Neurophysiology and New Microscopies Laboratory CNRS UMR 8154 <i>Neurophysiology of visual computation, Postdoc</i> University of Bari, Italy <i>Physics Dept. Research assistant, PhD candidate, Postdoc</i> University of Twente, The Netherlands Research Assistant	2008-2010 2011 2002-2008 2001-2002
EXTERNAL APPOINTMENTS	Research Hospital San Camillo, Venice, Italy Scientific Consultant UESTC, Chengdu, China Protocol Professor ANC, Edinburgh, UK Visiting Scientist, HPC Europa grantee University of Nijmegen, NL Visiting PhD student	2019- 2015-2018 2007 2007
ACADEMIC SERVICE	EBRAINS Belgium , Spokesperson for Ghent University UGent , Member of the Center for Cognitive Neuroscience FFPW UGent , Member of the Commission for Internationalization FFPW UGent , Member of the Commission for Scientific Research	2022- 2013- 2019- 2014-2019
MENTORSHIP	Google Summer of Code OHBM mentorship program UGent mentorship program	2018 – 2017 – 2017 –
ACADEMIC TEACHING	UGent <i>Case studies in the analysis of experimental data</i> <i>Technical foundations of advanced data analysis in psychology and neuroscience</i> <i>Neuroimaging data analysis</i> <i>Data Analysis for Cognitive Sciences</i> , Master in Psychology Academic Teacher Qualification in Physics and Neuroscience, France UAM, Spain Neural Computation , Graduate School ENP - Paris Neuroscience School , France <i>Patch clamp in vivo</i> University of Bari, Italy <i>Computational Physics</i> <i>Advanced techniques of signal analysis</i> , Master	2015- 2024- 2015-2023 2011-2014 2009-2012 2009 - 2013 Term 2007-2008 Term 2007-2008
SUPERVISION OF GRADUATE AND UNDERGRADUATE STUDENTS	16 PhD students as main supervisor, UGent 10 PhD students as member of the guidance committee, UGent 45 MSc students across six programs and three faculties, UGent 25 Erasmus+ visitors and trainees, UGent	
FUNDING	5.200.000 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.	
REVIEWER AND PANEL ACTIVITY	Rewierer for several (30+) journals in neuroscience, biology and statistical physics. 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, https://scholar.google.com/citations?user=0JbWSLoAAAAJ&hl=en	

EDITORIAL ACTIVITY	<p>PLoS Computational Biology Deputy Editor (since 2023 called Section Editor), 2019 -</p> <p>Neurons, Behavior, Data Analysis, and Theory (NBDT) Co-Editor in chief, 2018 -</p> <p>Imaging Neuroscience Editorial Board Member, 2023 -</p> <p>PLoS Computational Biology Academic Editor, 2016 - 2019</p> <p>PLOS Complexity Channel Editor, 2018 - 2020</p> <p>NeuroImage Editorial Board Member, 2017 - 2023</p> <p>Network Neuroscience Academic Editor, 2016 -</p> <p>Brain Topography Academic Editor, 2018 -</p> <p>PLOS One Academic Editor, 2013 - 2019</p>
ACADEMIC MEMBERSHIPS	<p>Founder and member of the Belgian nodes of INCF and EBRAINS; member of Society for Neuroscience, Belgian Society for Neuroscience (Board member 2024 -), Organization for Computational Neuroscience (Director 2016-2018), Organization for Human Brain Mapping, Network Science Society</p>
SELECTED INVITED EDUCATIONAL LECTURES	<p>BrainModes Educational Course, 2019, 2022</p> <p>Advanced topics in cognitive and clinical neuroscience, Univ. Lausanne and EPFL, Geneva 2018</p> <p>OHBM Educational - Connectivity in Electrical Neuroimaging, Vancouver, Canada 2017</p> <p>SPM Course, Edinburgh, UK 2017, 2019</p> <p>Resting State and Brain Connectivity Conference Educational, Vienna, Austria 2016</p>
SELECTION OF INVITED CONFERENCE AND WORKSHOP TALKS	<p>Adriatica Summer School 2024</p> <p>NetSci Annual meeting, TopoNets satellite 2023</p> <p>Demics Information Decomposition Workshop, MPI Dresden 2023</p> <p>CCS Annual meeting, Information Theory satellite 2022</p> <p>OHBM Annual Meeting, Singapore, Invited Oral Contribution 2018</p> <p>ISMRM Italian Chapter, Padua, Italy 2018</p> <p>BrainModes conference 2013, 2015, 2017, 2018, 2022</p> <p>Network Neuroscience Satellite, NetSci, Indianapolis, USA 2017</p> <p>World Congress of the International Society of Psychophysiology, Cuba 2016</p> <p>Nonlinear and model-free connectivity workshop, Frankfurt, Germany 2012, 2014, 2016</p> <p>Controversies in EEG Source Imaging Workshop, Chengdu, China 2014</p>
SELECTION OF ORGANIZED SYMPOSIA AND CONFERENCES	<p>NetSci Annual Meeting co-organizer 2025</p> <p>ESCAN Biennial Meeting co-organizer 2024</p> <p>OHBM Annual Meeting, Symposium and Educational Course Co-organizer 2017, 2018, 2022</p> <p>BrainModes Conference and Workshop 2016, 2019, 2022</p> <p>NeuroTechSchool La Havana, 2018</p> <p>Network Neuroscience NetSci Satellite and brainhack, 2018, 2021, 2022</p> <p>OCNS annual meeting Antwerp, 2017</p> <p>Symposium at IOP biannual conference Cuba, 2016</p> <p>Belgian Neuroinformatics conference Leuven, 2015</p> <p>NIPS satellite workshop on connectivity Granada, 2011</p>
KNOWLEDGE TRANSFER	<p>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))</p>
AWARDS	<p>Belgian Chair at the University of London, awarded by the Belgian Embassy in UK 2019-2020</p> <p>Belgian Society for Neuroscience nominee for the Kavli Scholar Prize 2018</p> <p>Top reviewer in Neuroscience. Publons award 2016-2017-2018</p> <p>Winner of NeurIPS Challenge: causality for climate 2019</p> <p>Winner of BioMag Challenge: connectivity in reconstructed sources 2016</p>
MAJOR COLLABORATIONS	<p>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), Aix-Marseille University (V. Jirsa, A. Brovelli), Imperial College London (F. Rosas, P. Mediano), 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), Western University (G. Pellegrino)</p>