

PERSONAL INFORMATION

Michele GIUGLIANO



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Type Man | Date of birth XXXXX/1974 in Genoa | Nationality Italian

EDUCATION AND TRAINING

2023 – 2035	MIUR National Scientific Habilitation ASN, “Full Professor”: Physiology (05/D1)
2017 – 2035	MIUR National Scientific Habilitation ASN, “Full Professor”: Bioengineering (09/G2)
1997 – 2001	Polytechnic of Milan (I) PhD in Bioengineering
1992 – 1997	University of Genoa (I) Degree (5 years curriculum) in Electronic Engineering (summa cum laude)

PROFESSIONAL EXPERIENCE

2024 –	Univ . Modena & Reggio Emilia (I)	<i>Associate Professor, Bioengineering (09/G2)</i>
2022 –	Neuroscience Area, SISSA (I)	<i>Associate Professor, Physiology (05/D1)</i>
2019 – 2021	Neuroscience Area, SISSA (I)	<i>Temporary researcher (RTD-B), Physiology (05/D1)</i>
2016 – 2019	Dept. _ Biomed . Sci., Univ . Antwerp (B)	<i>Full Professor, with “tenure” and “research mandate”</i>
2013 – 2016	Flanders Neuroelectronic Inst., Leuven (B)	<i>Part-time (20%) Visiting Professor</i>
2013 – 2015	Dept. _ Biomed . Sci., Univ . Antwerp (B)	<i>Associate Prof., with “tenure” and “research mandate”</i>
2011 – 2012	Dept. _ Biomed . Sci., Univ . Antwerp (B)	<i>Assistant Professor, with “tenure” and “research mandate”</i>
2008 – 2010	Dept. _ Biomed . Sci., Univ . Antwerp (B)	<i>Assistant Professor, “tenure-track” and “search mandate”</i>
2010 – 2018	Dept. Computer Sci., Univ. Sheffield (UK)	<i>Visiting professor</i>
2005 – 2008	Brain Mind Institute, EPFL (CH)	<i>Junior group leader</i>
2001 – 2005	Inst . of Physiology, Univ . of Bern (CH)	<i>Postdoctoral fellow</i>

FUNDING (selection)

2022 – 2026	Commission European	EC-HE, Pathfinder – Project CROSSBRAIN, PI (€463 K)
2020 – 2023	Commission European	EC-H2020, FET - Project IN-FET, PI & Coordinator (847 K€)
2020 – 2023	Commission European	EC-Flagship, SGA2 - Human Brain Project, PI (180 K€)
2018 – 2020	Research Foundation Flanders (FWO)	Contract G.0F15.17.N, PI (330 K€)
2017 – 2019	Commission European	EC-Flagship, SGA1 - Human Brain Project, PI (100 K€)
2016 – 2018	Belgian Science Policy Office	PI contract (500 K€)
2012 – 2017	Commission European	EC-FP7 ICT FET-OPEN, PI & Coordinator (605 K€)
2013 – 2016	Research Foundation Flanders (FWO)	Contract G.0888.12.N, PI (213 K€)
2012 – 2016	Commission European	EC-FP7 ICT FET-OPEN Strep Grant, PI (420 K€)
2012 – 2015	European Commission	EC-FP7 NMP Strep Grant, PI (400 K€)
2012 – 2015	European Commission	EC-FP7 Marie Curie Train. Net., PI & Coordinator (2.9 M€)
2011 – 2015	Research Foundation Flanders (FWO)	Contract G.0136.11N, co-PI (92 K€)

ADMIN. ROLES (selection)

2020 – 2023	European Commission	Coordinator , EC-H2020 FET-OPEN Project “IN-FET”
2015 – 2018	Organ . for Comput. Neurosci . (OCNS)	Member of the Board of Directors
2013 – 2016	European Commission	Coordinator , BRAINLEAP EC-FP7-FET STREP project
2011 – 2015	European Commission	Coordinator, NAMASEN EC-FP7-PEOPLE ITN
2012 – 2015	European Commission	Deputy Coordinator, MERIDIAN EC-FP7-NMP STREP project
2014 – 2015	FENS	Voting member of the Board of Directors
2014 – 2015	Belgian Society for Neuroscience (B)	President (2014 – 2015), Secretary (2012 – 2013)
2008 – 2013	OECD's Intl . Neuroinformatics Coord . Facility	Director of the Belgian Node of INCF
2010 – 2014	University of Antwerp (B)	Advisory member to the Center for Health Technologies
2019 –	Frontiers in Neuroscience - Neural Technology	Co-Chief Editor
2012 – 2022	PeerJ	Associate Editor
2011 –	PLoS ONE	Associate Editor
2020 –	Dutch Research Council (NWO), Utrecht (NL)	Reviewer
2010 – 2020	Foundation Voir et Entendre (FVE), Paris (F)	Reviewer
2015	US-Israel Binational Science Foundation (IL)	Reviewer
2011 – 2012	Agency Nationale de la Recherche (F)	Reviewer
2009 – 2014	European Commission	Reviewer, Panel Evaluator
2017		Organizer OCNS International Comp Neurosci Conference, Antwerp (~500 participants ; 6 days)
2015		Organizer 11th Congress of the Belgian Society for Neuroscience, Mons (B)
2014		Organizer BRAINFET Clustering Workshop, IIT, Genoa (I)
2010		Organizer ETHZ - Monte Verità workshop (Ascona, CH), (5 days)

RESEARCH DIRECTION

2024 –	Univ . Modena & Reggio Emilia (I)	2 postdocs, 1 doctoral student
2019 – 2023	Neuroscience Area, SISSA (I)	4 postdocs, 6 doctoral students, 8 master's students
2010 – 2019	University of Antwerp	3 postdocs, 5 doctoral students, 7 master's students
2006 – 2008	Swiss Federal Inst . Tech. EPFL (CH)	1 doctoral student, 4 master's students
2003 – 2007	University of Bern (CH)	2 doctoral students
2008 –		Member (50+) or Chair (11) of doctoral defense commissions (CH, B, NL, I, UK, IL).

INVITED TALKS (selection)

2023	European Solid-state Devices and Circuits Conference, Lisbon (P)
2023	Human Slices Workshop, Charité-Universitätsmedizin , Freie Univ. Berlin (D)
2023	Brain-Inspired Computing, Univ. Modena (I)
2021	NeuroWire , Laval University, Canada (online)

2021	Neural circuit complexity. Lake Como School of Advanced Studies (I)
2019	Dept Computer Sci, Univ. Sheffield (UK)
2019	European Institute for Theoretical Neuroscience, Paris (F)
2018	School of Science and Technology, Nottingham Trent University (UK)
2018	European Institute for Theoretical Neuroscience, Paris (F)
2018	Computational Neuroscience Course, OIST, Okinawa (J)
2018	ICM Inst. du Cerveau et de la Moelle épinière , Paris (F)
2018	I3S Inst. de Investigação e Inovação em Saúde , Porto (P)
2017	ICANN 2017 Intl. Conference, keynote, Alghero (I)
2017	Intl. Comp Neurosci Conference, Antwerp (B)
2017	VII Neuron Technology Summer School, SISSA, Trieste (I)
2017	WiBrain Conference, ICM Inst. for Brain and Spinal Cord, Paris (F)
2017	Cognitive Neuromorphic Engineering Workshop, Capocaccia (I)

AWARDS AND RECOGNITIONS

2008	Univ . La Sapienza, Rome (I) Award to a Young Researcher
2003	Swiss Physiological Society (CH) Asher-Hess Young Investigator Award (2 nd prize)
2001 – 2004	Human Frontier Science Program Org (F) Long-term Fellowship
1997	University of Genoa, (I) Dignity of Printing of the Degree Thesis

SCIENTIFIC SOCIETIES

2023 –	Italian Society of Physiology (SIF)
2022 –	Italian Society of Experimental Biology (SIBS)
2000 –	Italian Society of Neurosciences (SIN) and European Federation of Neuroscience Societies
2005 –	National Bioengineering Group (GNB)
2002 –	American Soc. for Neuroscience (SfN)
2008 – 2020	Belgian Society for Neuroscience
2003 - 2008	Swiss Physiological Society (SPS) and Swiss Society for Neuroscience (SSN)

PUBLICATIONS (select .)

2022	Spelat et al., Cell Death Dis. Sciences	https://doi.org/10.1038/s41419-022-05144-6
2022	Frisari et al., International Journal of Molecular Sciences	https://doi.org/10.3390/ijms23031343
2020	George et al., iScience	https://doi.org/10.1016/j.isci.2020.101589
2020	Manzati et al., Molecular Brain	https://dx.doi.org/10.1186%2Fs13041-020-00619-z
2020	Borda Bossana et al., Frontiers in Cellular Neuroscience	https://doi.org/10.3389/fncel.2020.00118
2020	Lourenço et al., Cell Reports	https://doi.org/10.1016/j.celrep.2019.12.052
2020	Verbist et al., PLoS Computational Biology	https://doi.org/10.1371/journal.pcbi.1008087
2020	Jones et al., Frontiers in Neural Technology	https://doi.org/10.3389/fnins.2020.00405

2019	Linaro et al., Journal of Neuroscience	https://doi.org/10.1523/JNEUROSCI.3169-18.2019
2019	Moskalyuk et al., Cerebral Cortex	https://doi.org/10.1093/cercor/bhz068
2018	Goriounova et al., eLife	https://doi.org/10.7554/eLife.41714
2018	Cagatay et al., Nature Communications	https://doi.org/10.1038/s41467-018-06780-3
2018	Pampaloni et al., Nature Nanotechnology	https://doi.org/10.1038/s41565-018-0163-6
2018	Espuny -Camacho et al., Cell Reports	
2018	https://doi.org/10.1016/j.celrep.2018.04.094	
2016	Linaro et al., European Journal of Neuroscience	https://doi.org/10.1111/ejn.13761
2016	Bifari et al., Cell Stem Cell	http://dx.doi.org/10.1016/j.stem.2016.10.020
2016	Pulizzi et al., Scientific Reports	http://dx.doi.org/10.1038/srep24701
2016	Segura et al., Cell Reports	http://dx.doi.org/10.1016/j.celrep.2016.02.047
2015	Peelaerts et al., Nature	http://dx.doi.org/10.1038/nature14547
2015	Warnaar et al., Frontiers in Cellular Neuroscience	http://dx.doi.org/10.3389/fncel.2015.00122
2014	Couto et al., PLoS Computational Biology	http://dx.doi.org/10.1371/journal.pcbi.1004112
2014	Testa-Silva et al., PLoS Biology	http://dx.doi.org/10.1371/journal.pbio.1002007
2013	Linaro et al., Journal of Neuroscience Methods	https://doi.org/10.1016/j.jneumeth.2014.04.003
2012	Espuny-Camacho et al., Neuron	http://dx.doi.org/10.1016/j.neuron.2012.12.011
	Testa-Silva et al., Cerebral Cortex	http://dx.doi.org/10.1093/cercor/bhr224

LANGUAGE KNOWLEDGE

Native language
English

Italian

UNDERSTANDING C2

SPEAKING C2

WRITING C2

Pursuant to law 679/2016 of the General European Regulation for the protection of personal data of 27/4/2016, I express my consent to the use of the information and personal data in this CV, with the exclusion of commercial, marketing and profiling purposes .

Modena, 17 February 2025

Prof. Dr. Michele GIUGLIANO