



UNIVERSITÀ DEGLI STUDI DI MILANO

TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

Alessandro Palombit

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Palombit
Name	Alessandro
Date of birth	04/02/1990

PRESENT OCCUPATION

Appointment	Structure
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EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Specialization			
PhD	Information Engineering	University of Padova	2019 (expected)
Master	Bioengineering	University of Padova	2015

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
-	-	-



FOREIGN LANGUAGES

Languages	level of knowledge
English	B2
French	A1

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
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TRAINING OR RESEARCH ACTIVITY

description of activity
During the PhD program devoted to data analysis and experimental optimization of neuroimaging techniques for neuroscience applications and technical magnetic resonance imaging developments from the sequence definition to image post-processing. HCP course (2016) on MRI data processing. SPSS course (2016).

PROJECT ACTIVITY

Year	Project
2012	Analysis and processing of kinematic data during handwriting (BCs project)
2015	In-vivo methods for quantification of magnetic susceptibility of brain tissues from phase measures with magnetic resonance imaging (MSc project)
2018	The simultaneous PET/MRI to investigate the role of glucose metabolic consumption on brain functional architecture (PhD project)

PATENTS

Patent
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CONGRESSES AND SEMINARS

Date	Title	Place
2015	Perspectives of fMRI Imaging At Ultra High Field	Trieste, IT
2016	Updates on human brain connectome: from physiology to diseases	Rome, IT
2016	HBM	Geneva, CH
2016	Detecting large-scale brain networks using high-density EEG (seminar)	Padova, IT
2016	RISONANZA MAGNETICA IN MEDICINA 2016: DALLA RICERCA TECNOLOGICA AVANZATA	Verona, IT



	ALLA PRATICA CLINICA	
2017	ISMRM workshop	Chicago, IL, US
2017	IEEE International Symposium on Biomedical Imaging (ISBI)	Melbourne, AU
2017	Which is the role of spontaneous activity? Insights from the topology and dynamics of functional connectivity (seminar)	Padova, IT
2017	RISONANZA MAGNETICA IN MEDICINA 2017: DALLA RICERCA TECNOLOGICA AVANZATA ALLA PRATICA CLINICA	Gaeta, IT
2018	ISMRM	Paris, FR
2018	Structure-function relation in large scale systems: brain (and spine) MRI, Prof.ssa Claudia Gandini Wheeler-Kingshott	Padova, IT
2018	GNB	Milan, IT

PUBLICATIONS

Books
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Articles in reviews
F. Armani, A. Boscolo, A. Vecchi, A. Palombit; "A Gas Multisensor Platform for Biometric and Environmental Applications"; Sensors and Microsystems: Proceedings of the 17th National Conference, Brescia, Italy (05-02-2013), Lecture Notes in Electrical Engineering, Volume 268 (pp 361-364), DOI DOI: https://doi.org/10.1007/978-3-319-00684-0_69 , 2014
J1. M. Castellaro, R. Magliozzi, A. Palombit, M. Pitteri, E. Silvestri, V. Camera, S. Montemezzi, F.B. Pizzini, A. Bertoldo, R. Reynolds, S. Monaco and M. Calabrese, "Heterogeneity of Cortical Lesion Susceptibility Mapping in Multiple Sclerosis", In American Journal of Neuroradiology June 2017, 38 (6) 1087-1095; DOI: https://doi.org/10.3174/ajnr.A5150
J2. Palombit A., Castellaro M., Calabrese M., Romualdi C., Pizzini F., Montemezzi S., Grisan E., Bertoldo A., "Cortical Thickness Variability in Multiple Sclerosis: The Role of Lesion Segmentation and Filling", 2017 IEEE 14th International Symposium on Biomedical Imaging (ISBI 2017); DOI: 10.1109/ISBI.2017.7950637
J3. "Diabetes and Prediabetes Classification Using Glycemic Variability Indices From Continuous Glucose Monitoring Data."; Acciaroli G, Sparacino G, Hakaste L, Facchinetti A, Di Nunzio GM, Palombit A, Tuomi T, Gabriel R, Aranda J, Vega S, Cobelli C.; J Diabetes Sci Technol. 2018 Jan;12(1):105-113. doi: 10.1177/1932296817710478. Epub 2017 Jun 1.
J4.
J5. D. Cecchin, A. Palombit, M. Castellaro, E. Silvestri, F. Bui, H. Barthel, O. Sabri, M. Corbetta and A. Bertoldo, "Brain PET and functional MRI: why simultaneously using hybrid PET/MR systems?" In Q J Nucl Med Mol Imaging 2017 Jul 27. doi: 10.23736/S1824-4785.17.03008-4.
J6. Cona, G.; Kocillari, L.; Palombit, A.; Bertoldo, A.; Maritan, A.; Corbetta, M.; "Archetypes of human cognition defined by time preference for reward and their brain correlates: An evolutionary trade-off approach"; Neuroimage 2018, vol 185 pp 322-334, doi: 10.1016/j.neuroimage.2018.10.050.
J7. "The relation between resting-state functional connectivity and glucose metabolism"; Palombit A.; Aiello M., Riedl V., Bertoldo A., Corbetta M., (in preparation)



Congress proceedings

- C1. A. Palombit, M. Castellaro, M. Tonietto, E. Silvestri, M. Calabrese, A. Bertoldo; "Comparative assessment of methods for Quantitative Susceptibility Mapping on a clinical magnetic resonance data set"; 37th Annual International Conference of the IEEE-EMBS, Milano, Italy, 08- 2015.
- C2. M. Castellaro, A. Palombit, E. Silvestri, M. Tonietto, A. Gajofatto, S. Montemezzi, R. Magliozzi, O.W. Howell, R. Reynolds, S. Monaco, A. Bertoldo, M. Calabrese; "Heterogeneity of susceptibility mapping of cortical lesions in MS"; European Committee For Treatment and Research In Multiple Sclerosis meeting, Barcellona, Spain, 10-2015.
- C3. A. Palombit, M. Castellaro, E. Grisan, S. Montemezzi, FB Pizzini, M. Calabrese, A. Bertoldo; "Impact of lesion segmentation and filling on Cortical Thickness estimation"; ECTRIMS 2016 London UK.
- C4. **"Good accuracy of CGM-based glucose variability indices for IGT and T2D classification"**; Acciaroli G, Palombit A, Di Nunzio GM, Facchinetti A, Sparacino G, Cobelli C.; **16th Annual Diabetes Technology Meeting Bethesda, Maryland, November 10-12 2016**
- C5. A. Palombit, M. Bisio, M. Aiello, V. Riedl, A. Bertoldo, M. Corbetta, "Metabolic Confirmations of the Brain Communication Architecture Using Simultaneous PET-MRI", a ISMRM-SNMMI Co-Provided Workshop on PET/MRI, Chicago 26-29 October 2017
- C6. A. Palombit, E. Silvestri, M. Castellaro, E. De Vita, D. Cecchin, A. Bertoldo, "Simultaneous PET/MRI for resting-state fMRI: optimized parallel imaging and multiband EPI", a ISMRM-SNMMI Co-Provided Workshop on PET/MRI, Chicago 26-29 October 2017
- C7. A. Palombit, M. Castellaro, E. Silvestri, E. De Vita, D. Cecchin, A. Bertoldo; "Functional connectivity sensitivity to image acceleration and orientation in simultaneous PET/MRI", Joint annual ISMRM-ESMRMB meeting, 16-21 June 2018, Paris France
- C8. A. Palombit, E. Silvestri, M. Castellaro, E. De Vita, D. Cecchin, A. Bertoldo; "Multiband-enabled Resting State Functional Connectivity Mapping in Simultaneous PET/MRI", Joint annual ISMRM-ESMRMB meeting, 16-21 June 2018, Paris France
- C9. A. Palombit, E. Silvestri, M. Castellaro, E. De Vita, D. Cecchin, A. Bertoldo, "Multiband EPI imaging from a Functional Connectivity Study Perspective", GNB 2018, June 25th-27nd 2018, Milan, Italy

OTHER INFORMATION

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Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Padova, 16/11/2018

SIGNATURE