

# CURRICULUM VITAE:

<b>Name</b>	Alessandra Bertoldo
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## Academic Position

<b>Personal information</b>	
Family name / First name	BERTOLDO / ALESSANDRA
Email	alessandra.bertoldo@unipd.it

<b>Current position(s)</b>
Full Professor in Bioengineering – Department of Information Engineering, University of Padova, Italy

<b>Previous position(s)</b>
2015-2022: Associate Professor in Bioengineering, Department of Information Engineering, University of Padova, Italy
2002-2015: Assistant Professor in Bioengineering, Faculty of Engineering, University of Padova, Italy

<b>Fellowships</b>
1996-1997: Visiting Scientist, National Institute of Mental Health, National Institutes of Health, Bethesda, Maryland, USA (Dr. Louis Sokoloff)
1999-2000: Post-doc fellowship, Department of Electronics and Informatics, University of Padova, Italy
2001-2002: Post-doc fellowship, Department of Electronics and Informatics, University of Padova, Italy

<b>Supervision of graduate students and postdoctoral fellows</b>
From A.A. 2002 -To present – Alessandra Bertoldo has been the supervisor of more than 95 Master Students of the Master Course in Bioengineering, DEI, University of Padova and more than 80 Bachelor Students of the Bachelor Course in Biomedical Engineering, DEI, University of Padova, Italy.
From 2006 - present: supervisor of the following PhD students:
Manfredo Atzori (XXII cycle), Ph.D. Course on Information Engineering, University of Padova Gaia Rizzo (XXIV cycle), Ph.D. Course on Information Engineering, University of Padova

Letizia Squarcina (XXIV cycle), Ph.D. Course on Information Engineering, University of Padova  
 Mattia Veronese (XXV cycle), Ph.D. Course on Information Engineering, University of Padova  
 Marco Castellaro (XXVI cycle), Ph.D. Course on Information Engineering, University of Padova  
 Matteo Tonietto (XXIX cycle), Ph.D. Course on Information Engineering, University of Padova  
 Andrea Nordio (ciclo XXIX cycle), Ph.D. Course on Information Engineering, University of Padova  
 Alberto De Luca (ciclo XXIX cycle), Ph.D. Course on Information Engineering, University of Padova  
 Ilaria Mazzone (ciclo XXX cycle), Ph.D. Course on Information Engineering, University of Padova  
 Erica Silvestri (ciclo XXX cycle), Ph.D. Course on Information Engineering, University of Padova  
 Alessandro Palombi (ciclo XXXI cycle), Ph.D. Course on Information Engineering, University of Padova  
 Umberto Villani (ciclo XXXIV cycle), Ph.D. Course on Neuroscience, University of Padova  
 Manuela Moretto (ciclo XXXIV cycle), Ph.D. Course on Neuroscience, University of Padova  
 Andrea Bettinelli (ciclo XXXV cycle), Ph.D. Course on Information Engineering, University of Padova  
 Giorgia Baron (ciclo XXXVI cycle), Ph.D. Course on Information Engineering, University of Padova  
 Maria Colpo (XXXVII cycle), Ph.D. Course on Neuroscience, University of Padova  
 Amedeo Capotosti (XXXVII cycle), Ph.D. Course on Information Engineering, University of Padova  
 Tommaso Ciceri (XXXVII cycle), Ph.D. Course on Information Engineering, University of Padova  
 Mattia De Francisci (XXXVIII cycle), Ph.D. Course on Information Engineering, University of Padova  
 Alice Giuberga (XXXVIII cycle), Ph.D. Course on Information Engineering, University of Padova  
 Giulia Vallini, Ph.D. Course on Information Engineering, University of Padova

### Teaching activities

From A.A. 2020/21 - present: Imaging for Neuroscience, Master Degree in Bioengineering, Dept. of information Engineering, University of Padova (course holder)

From A.A. 2019/20 – present: Metodi Statistici per la Bioingegneria, Master Degree in Bioengineering, Dept. of information Engineering, University of Padova (course holder)

From A.A. 2011/12 – to A.A. 2019/20: Neuroengineering (SSD ING-INF/06), Master Degree Course in Bioengineering, University of Padova (course holder)

From A.A. 2015/16 – to A.A. 2018/2019: Bioengineering Laboratory, Bachelor Degree in Information Engineering, Dept. of information Engineering, University of Padova (course holder)

From A.A. 2015/16 – to A.A. 2018/2019: Systems and Models, Sistemi e Modelli, Bachelor Degree in Information Engineering, Dept. of information Engineering, University of Padova (course holder)

From A.A. 2005/06 – to A.A. 2009/2010: Neuroengineering (SSD ING-INF/06), Master Degree Course in Bioengineering, University of Padova (course holder)

### Organisation of scientific meetings

**2023** – ISMRM International Workshop on Current Issues in Brain Function. 04-06 September 2023, Organizing Committee, Italy (<https://www.ismrm.org/workshops/2023/BrainFunction/>)

**2023** - VIII Congress of the National Group of Bioengineering (GNB), 21 - 23 June 2023, Organizing Committee, Italy (<http://gnb2023.it/index.html>)

**2021** - 14th International Conference on Brain Informatics (BI 2021), September 17 – 19 2021, Virtual Conference, Program Chair, (<https://www.bi2021.org/index.php>)

**2019** - International Congress Organization for Human Brain Mapping (OHBM) Annual Meeting 2019, Jun 9-13, Roma, Italy (participants ~3000), Organizing Committee  
(<https://www.humanbrainmapping.org/i4a/pages/index.cfm?pageid=3920>)

**2018** - IX National Congress “Associazione Italiana Risonanza Magnetica in Medicina (AIRMM)” ISMRM Italian Chapter, May 10-11, Padova, Italy (participants ~300) , Chair Program Committee

**2015** – 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Milan, Italy, August 25-29 2015, Chairman of the Minisymposia “Neuroimaging in psychiatry”

**2012** - 21th PAGE - Population Approach Group in Europe Meeting, June 5-8, (participants ~600), Organizing Committee

**2012** - III Congress of the National Group of Bioengineering (GNB), Rome, Italy Organizing Committee

**2011** - XXVth International Symposium on Cerebral Blood Flow, Metabolism and Function & Xth International Conference on Quantification of Brain Function with PET, Barcelona (Spagna), May 25-28, (participants ~1100), Chairman

#### **Institutional responsibilities**

**2022 – present Director of the University Center 'Padova Neuroscience Center,' University of Padua**

**2017 – 2022** Vice Director of the University Center 'Padova Neuroscience Center,' University of Padua

**2016 – 2022** Member of the Board of Directors of the University Center 'Padova Neuroscience Center,' representing Macroarea 1

**2023 - present President of the CCS (Council of the Course of Studies) for Biomedical Engineering (class L-8 and L-9) and Bioengineering (class LM-21) for the quadriennium 2023-2026.**

**2019 – 2023** President of the CCS (Council of the Course of Studies) for Biomedical Engineering (class L-8 and L-9) and Bioengineering (class LM-21) for the quadriennium 2019-2023.

**2017 - 2019** President of the aggregated CCS (Council of the Course of Studies) in Biomedical Engineering (class L-8) and Bioengineering (class LM-21) for the quadriennium 2017-2021 – removed in 2019 due to the establishment of the new aggregated CCS

**2016 – 2019** Member of the Organizing Committee for the activation of the interclass degree program L-8 and L-9 in Biomedical Engineering, Department of Information Engineering, University of Padua

**A.A. 2013/14 – 15/16** Member of the Accreditation and Evaluation Group for the Bachelor's Degree in Biomedical Engineering and the Master's Degree in Bioengineering

**2018 – 2021** Vice Coordinator of the Doctoral Program in Neuroscience, University Center “Padova Neuroscience Center - PNC”, University of Padua

**2018 - present Member of the Board of Directors of Doctoral Program in Neuroscience, University Center “Padova Neuroscience Center - PNC”, University of Padua**

<b>2004-2008 and 2012-2014</b>	Member of the Board of the Department of Information Engineering, University of Padua
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<b>Commissions of trust</b>
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Associate Editor for the IEEE Engineering in Medicine and Biology Society Section of IEEE Access ( <a href="https://ieeaccess.ieee.org/society-council-sections/">https://ieeaccess.ieee.org/society-council-sections/</a> )
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2021, external examiner of the PhD thesis “Identification of Single Subject Cognitive Networks
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from Morphology to Dynamic Computations” of Nigel Colenbier, student at Ghent University, Belgium, supervisors Dr Daniele Marinazzo.
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2020-present: Associate editor of the IEEE Access journal
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2020, president of the commission for the selection of one Assistant Professor RTDb (SSD ING-INF/06) for the Department of Neuroscience, University of Padova, Italy.
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2014, external examiner of the PhD thesis “Analysis methods for dynamic metabolic cardiac studies” of Miss Erika Mariotti, student at Kings College London, supervisors Dr Thomas Eykyn and Dr Richard Southworth.
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2014, external examiner of the PhD theses of the PhD course in Bioengineering and Bioinformatics of the University of Pavia.
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2008, member of the commission for the selection of one Assistant Professor (SSD ING-INF/06) for the Marche Polytechnic University Federico II
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<b>Memberships of scientific societies</b>
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From 2005: International Society of Magnetic Resonance Imaging in Medicine;
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From 2007: Human Brain Mapping Society;
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From 2015, IEEE-EMBC Technical Committee on Biomedical Imaging and Image Processing
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<b>Publications</b>
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<a href="https://scholar.google.it/citations?user=m0GuxsoAAAAJ&amp;hl=it">https://scholar.google.it/citations?user=m0GuxsoAAAAJ&amp;hl=it</a>
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or
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<a href="https://www.scopus.com/authid/detail.uri?authorId=6603190822">https://www.scopus.com/authid/detail.uri?authorId=6603190822</a>
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