



Europass Curriculum Vitae

Personal information

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Nationality

Links/Webpages Executive Function Lab webpage: <https://www.neuroscienze.unipd.it/efl/lab>
Padova Neuroscience Center: <http://pnc.unipd.it/antonino-vallesi/>
Orcid: <http://orcid.org/0000-0002-4087-2845>
ResearcherID: <http://www.researcherid.com/rid/E-8987-2011>
Neurotree: <https://neurotree.org/neurotree/peopleinfo.php?pid=26410>
Publons: <https://publons.com/researcher/1590335/>
Research Gate: https://www.researchgate.net/profile/Antonino_Vallesi
Google Scholar: <https://scholar.google.it/citations?user=xzludUgAAAAJ&hl=en>
Scopus ID: 10639787000

Academic Positions & Qualifications

Dates 1 April 2014-onward
Position held Associate Professor, PSICOBIOLOGIA E PSICOLOGIA FISIOLOGICA; SSD: M-PSI/02, Settore concorsuale: 11/E1
Institution Università degli Studi di PADOVA; Dipartimento di NEUROSCIENZE

Dates 9 Jan 2017 – 31 Dec 2019.
Qualification Scientific Collaborator
Institution Fondazione Ospedale San Camillo IRCCS, Lido – Venice, Italy

Dates Mar 2017-onward
Qualification Faculty Member
Institution Padova Neuroscience Center, University of Padova, Italy.

Dates September 2012-March 2014
Position held Ricercatore Universitario (Assistant Professor). SSD: M-PSI/02 Psicobiologia e Psicologia Fisiologica (Psychobiology)
Institution Università degli Studi di Padova; Dipartimento di Neuroscienze (& adjunct professor at Dept. of General Psychology)

Dates July 15 2009-July 14 2012
Position held Researcher
Institution Cognitive Neuroscience (later: Neuroscience Area), International School of Advanced Studies (SISSA), Trieste, Italy

Dates March 2007-July 2009
Position held Post-Doctoral Fellowship. Mentors: Prof. D.T. Stuss, A.R. McIntosh.
Institution Rotman Research Institute at Baycrest, affiliated with University of Toronto, Canada.

Education and training

- Dates February 19, 2007
Qualification awarded Philosophiæ Doctor (PhD) in Cognitive Neuroscience, summa cum laude.
Institution SISSA, Trieste, Italy.
- Dates January, 2007 (second session 2006)
Qualification awarded State Examination (Esame di Stato) for the enrolment to the Register of Italian Psychologists (Albo degli Psicologi).
Institution University of Trieste.
- Dates April-August, 2005
Qualification awarded Study visit
Institution Institute of Cognitive Neuroscience, University College London, UK. Mentor: prof. Vincent Walsh.
- Dates November 2003-February 2007
Qualification awarded Ph.D. program in Cognitive Neuroscience
Institution SISSA, Trieste, Italy
- Dates June 20, 2003
Qualification awarded Master of Science (Laurea) in Psychology (Experimental Psychology – Neuropsychology), summa cum laude. Thesis title: “Attentive deficit in minimal Hepatic Encephalopathy: an Event-Related Potential study”. Supervisor: prof. Carlo Arrigo Umiltà.
Institution Università degli Studi di Padova, Italy.

Scientific Publications

*Total Impact Factor (2020): 435.5, average IF (2020) 4.00;
H-Index: Scopus: 29 (without self-citations: 27); Google Scholar: 35.
Articles in Q1/Q2 ≈ 86.6%*

Peer-reviewed articles in international scientific journals

>112 peer-reviewed articles. See Orcid: <http://orcid.org/0000-0002-4087-2845>

- Book Chapters
1. **Vallesi A.** (2010). Neuroanatomical substrates of foreperiod effects. Chapter 22, in “Attention and Time” (303–316). Nobre A. and Coull J. (Eds.). Oxford University Press. DOI: 10.1093/acprof:oso/9780199563456.003.0022
 2. **Vallesi A.** (2017). The Cognitive Neuroscientist. Chapter in the book: Sharing perspectives on English-Medium Instruction (pp. 247-250). Eds. Ackerley K., Guarda M., Helm F. Multilingual Matters. Peter Lang Publishing Group.
 3. **Vallesi A.** (2017). The case of Air Traffic Control Training (chapter N. 15, pp. 293-304). In the book: “Theory-driven Approaches to Cognitive Enhancement”. Springer Intern. Publishing AG, Cham, Sw. DOI: 10.1007/978-3-319-57505-6.
 4. **Vallesi A.** (2017). Asimmetrie emisferiche nel <<life span>> adulto (Ch. 8, pp. 121-137). In the Handbook: Il Cervello al Lavoro: Nuove prospettive in Neuropsicologia. Il Mulino, Bologna.
 5. **Vallesi A.** (2017). Effetti cognitivi di esperienze professionali: tassisti, aviatori e controllori del traffico aereo (Ch. 14, pp. 211-222). In the Handbook: Nuove prospettive in Neuropsicologia Cognitiva. Il Mulino, Bologna.
 6. Babcock L., **Vallesi A.** (2017). Interpreti Simultanei (Ch. 13, pp. 197-210). In the Handbook: Il Cervello al Lavoro: Nuove prospettive in Neuropsicologia. Il Mulino, Bologna.
- Books
1. Handbook: “Il Cervello al Lavoro: Nuove prospettive in Neuropsicologia” [The working brain: new perspectives in Neuropsychology] (2017). Editors: Bisiacchi P., **Vallesi A.** Il Mulino, Bologna. ISBN: 9788815272119. <https://www.mulino.it/isbn/9788815272119>
 2. Abstract Book: Proceedings of the international Conference Cognitive Neuroscience of Executive Functions, 28-30 Sept 2017. Editor: **Vallesi A.** CLEUP, Padova. ISBN: 9788867878147. DOI: 10.23737/CNEF2017
- Translations from English to Italian
1. Chapters 7, 9, 33, 34 for the Handbook: The Central Nervous System, by Per Brodal. V Edition. Oxford University Press. Italian Title: “Il Sistema Nervoso Centrale”, Publisher: Piccin Nuova Libreria S.p.A. ISBN: 978-88-299-2999-3.

- Invited Talks, Keynote Lectures, Seminars in Conferences & Workshops**
(selected)
1. 8 Sept 2021. Keynote lecture. National Congress of the Associazione Italiana di Psicologia Sperimentale, Lecce, Italy.
 2. 5 Nov 2020 (online webinar). Invited talk during Neuropsychology course: Update on Frontal lobe Functions. Congress Società Italiana Neurologia per studio Demenze (SINDEM), Florence, Italy.
 3. 10 Sept 2020 (online meeting). Invited master lecture & round table: The Plastic Mind. School of Learning: Neurosciences in the classroom. Future Education Modena, Italy.
 4. 4 May 2020 (*Online talk*). Invited Talk in Special Session for Don Stuss: What makes us human? Cognitive Neuroscience Society Annual Meeting, Boston, 2020.
 5. 25-28 Sept 2019. Invited Talk. Symposium: "Temporal Attention", 21st Escop conference, Tenerife, Spain.
 6. 7 Sept 2019. Invited Talk. Symposium: The future of executive functions in neuropsychology. Meeting of the Federation of the European Societies of Neuropsychology (FESN), Milan, Italy
 7. 25-29 Jun 2019. Invited talk. Symposium: The brain's brake: Inhibitory mechanisms in cognition and action. International Neuropsychological Symposium, Vietri al Mare (Sa), Italy
 8. 13 Mar 2018. In the symposium: Going where no researcher has gone before - Cognitive control without homunculus? At the 60th Conference of Experimental Psychologists. Marburg, Germany
 9. 17 Nov 2017. Keynote Lecture. XXV Congresso SIPP, Ospedale Pediatrico Bambino Gesù, Roma, Italy.
 10. 21 Oct 2017. In the Workshop: Ten years of Mind/Brain Sciences at the University of Trento. CIMeC, Rovereto, Italy.
 11. 3 Sept 2017. In the symposium: Cognitive Enhancement (satellite event of ESCoP Meeting). Potsdam, Germany.
 12. 11 Ago 2017. In the symposium: "Neuropsicología, aplicaciones e investigación". Centro de Investigaciones en Neurociencias & Instituto de Investigaciones Psicológicas, Universidad de Costa Rica, San José, Costa Rica.
 13. 8 May 2014. Vallesi A. ESCAN, Dortmund, Germany. Etc.

- Invited Talks in Universities & Research Institutes**
(selected)
1. 15 Nov 2019. Invited departmental seminar. Psychologisch Instituut, Katholieke Universiteit KU Leuven, Belgium.
 2. 19 Apr 2019. Invited talk. CRiN Neuroscience Seminars. Centro Ricerca in Neurobiologia, "La Sapienza" Univ., Rome.
 3. 28 Jan 2019. Institute for Psychology, Würzburg Univ., Germany.
 4. 27 Oct 2017. Center for Cognitive Neuroscience, Ghent Univ., Belgium.
 5. 4 Jul 2014. Center for Brain & Cognition Seminar Series, Pompeu Fabra Univ., Barcelona, Spain.
 6. 19 Apr 2013. Paris Descartes Univ., France.
 7. 12 Dec 2012. Colloquium Cognitive Psychology and LIBC, Instituut Psychologie, Universiteit Leiden, Netherlands.
 8. 23 Apr 2012. Psykologisk Institutt, Oslo Univ., Norway.
 9. 29 Feb 2012. "Centre de Neuroscience Cognitive, CNRS, Lyon, France.
 10. 12 Jan 2012. Institute of Psychology, Jagiellonian University, Kraków, Poland.
- Etc.

Prizes, Honours & Awards

- 17 Nov 2017, Roma, Italy. Recipient of SIPP Prize from Italian Society of Psychophysiology and Cognitive Neuroscience. (National)
- 30 Sept 2011, San Sebastian, Spain. Recipient of the Paul Bertelson Award from the European Society for Cognitive Psychology (ESCoP). (European)
- 16 April 2011, Trieste, Italy. Recipient of "**The Outstanding Young Person**" (TOYP) Award. Category: Research, from Junior Chamber International – Italy (National)
- 11-14 Feb 2009, Atlanta, US: "Merit" Poster Designation, 37th Annual Meeting of the International Neuropsychological Society in Atlanta, Georgia. (International)
- Sept 2006, Rovereto, Italy: Casa Editrice Cortina Award for Best Poster Presentation at the annual meeting of Associazione Italiana di Psicologia, Italy. (National)

Funding

Grants,
Scholarships &
Fellowship
Awards (selected)

- Feb 2019. Ricerca Finalizzata 2018 – Young Researchers – Ministry of Health, Italy. FINAGE. PI: Dr. Francesca Burgio. AV's Role: Coordinator of Local Unit 2. Duration: 36+extension months. (445653€).
- Mar 2013 – Feb 2018: ERC Starting Independent Researcher Grant competition: (Bruxelles, 23 July 2012). LEX-MEA. GA: 313692. Duration: 5 years. AV's role: PI. (1475950 €).
- 2011-2012: Grant from SISSA, Trieste: Competition for Young SISSA Scientists. Project Title: Prefrontal Cortex, Language Learning & Aging. AV's role: PI. (15000 €).
- Apr 2008-Mar 2010: Two-year Postdoctoral Fellowship Award from the Canadian Institute of Health Research (45000 \$ per year). Project Number: f566c6d055f98dea507acc109c6c7408. Funding used until July 2009.

Teaching & Mentoring
(selected)

- Principles of Cognitive Neuroscience and Neuroimaging techniques (12 CFU, 84 hrs, 1st year master). Cognitive Neuroscience and Clinical Neuropsychology master program, University of Padova (Academic Year: 2021-22).
- Neuroimaging and Brain Stimulation (6 CFU, 42 hrs, 1st year master). Cognitive Neuroscience and Clinical Neuropsychology master program, University of Padova (2017-2021).
- Foundations of Psychology I (4 CFU, 40 hrs, first year undergrad.). Professional Educator Bachelor program, School of Medicine, University of Padova (2014-2020)
- Cognitive Neuroscience (2 CFU, 20 hrs, 2nd year undergrad.), Neurophysiopathology Techniques Bachelor program, School of Medicine, University of Padova (2014-onward)

Supervision & Mentorship

- Methodology for the behavioral sciences (10 hrs, PhD students), PhD School of Psychological Sciences, University of Padova (2014-onward).
- About 12 post-doctoral fellows, 7 PhD students, >55 pre-doctoral students, trainees, research assistants, BA and master students

Evaluation activities (e.g., PhD committees, Promotion of colleagues, grant reviews)

- **Evaluation of performance of Universities/Research institutions**
 - Reviewer for the evaluation of scientific products of Italian Universities – VQR 2011-2014, Ministero Università e Ricerca (2016)
- **Evaluator/Reporter for the promotion of colleagues in Academic Institutions**
 - Associate Professorship, Ariel University, Israel (Oct 2015)
 - „Habilitation à diriger des recherches“, Université d’Aix-Marseille, France (Oct-Dec 2015).
- **Internal Member of evaluation committee for PhD entrance exam.**
 - Neuroscience PhD program, Padova Neuroscience Center, Italy (May-July 2019, 78 applications).
- **External Member of evaluation committee for PhD entrance exam.**
 - Cognitive Neuroscience PhD program, SISSA, Trieste, Italy (4-5 Oct 2012)
- **External Member of PhD thesis committee**
 - Norwegian University of Science and Technology, Trondheim (7 Feb 2020); SISSA, Trieste, Italy (6 March 2015); Pompeu-Fabra University, Barcelona, Spain (5 Dec 2014); SISSA, Trieste, Italy (7 Dec 2012); University of Granada, Spain (21 Jun 2011)
- **External reviewer of PhD thesis (only remote evaluation)**
 - University Pavia (2017); University Roma Foro Italico (2017); University Roma La Sapienza (2018)
- **Mid-term evaluation for PhD thesis**
 - KU Leuven, Belgium (15 Nov 2019)
- **Grant Reviewer**
 - Horizon 2020 MSCA-IF-2016, 2017, 2018 calls (evaluated about 30 fellowship proposals).
 - 2016-2018 Horizon 2020 Future and Emerging Technologies (FET). Proactive call in WP 2014: Knowing, doing, being: cognition beyond problem solving. Evaluated 3 annual periodic reports of a FET Project.
 - Sept 2017. OPUS – National Science Centre, Poland. Call ID: 25 (2017-06-22). (evaluated 1 grant proposal).
 - Jul 2017. University of Verona „Bando di Ateneo Joint Project“ (evaluated 1 grant proposal).
 - Bando Scientific Independence of Young Researchers (SIR) 2014, MIUR, Italy: evaluated 3 grant proposals.
 - Human Brain Project Competitive Call, 7th FP European Commission (2013). evaluated 4 grant proposals.
 - Natural Sciences & Engineering Research Council (NSERC), Canada (2011-2012)
 - Romanian National Council for Development and Innovation: Partnership Programme (2011-2013)
- **Reviewer for the „Best PhD thesis“ competition**, Associazione Italiana di Psicologia Sperimentale (2012)
- **Associate Editor:** Frontiers in Psychology – Cognition (2015-); BioMed Res Int – Neuroscience section ISSN: 2314-6133 (Action Editor) (2015-);
 - **Frontiers Research Topic** (Special Issue): MacPherson, S. E., Gillebert, C. R., Robinson, G. A., Vallesi, A., eds. (2019). Intra- and Inter-individual Variability of Executive Functions: Determinant and Modulating Factors in Healthy and Pathological Conditions. Doi: 10.3389/978-2-88945-837-0. <https://www.frontiersin.org/research-topics/6532>.
 - **Editorial Board:** Brain Sci – MDPI, ISSN: 2076-3425 (2020-); J Cogn Enhanc, ISSN: 2509-3290 (2016-); BioMed Res Int, ISSN: 2314-6133 (2015-); 4. Minerva Psichiatr, ISSN: 0391-1772 (2020-); J Educ Develop Psychol ISSN: 1927-0526 (2011-19); EC Psychology and Psychiatry (2016-17).
 - **Ad-hoc Reviewer** for about 55 peer-reviewed international journals.

Editorial Activity & Reviewership

Organization of: meetings, seminars, workshops, symposia, conferences, talks (selected)

- 20 Sept 2019. Symposium [Cognitive enhancement: comparing approaches & tools]. Chairs/Organizers: A. Vallesi & V. Tarantino. XXV Congress Associazione Italiana Psicologia Sperimentale, Univ. Milan Bicocca.
- 29-30 Sept 2017, Botanic Gardens, Padova, Italy. International Conference: Cognitive Neuroscience of Executive Functions (CNEF_2017). AV’s Role: Scientific and Organizing Committee Chair.
- 28 Sept 2017. Round Table: Splitters and Lumpers in the Cognitive Neuroscience History University Hospital of Padova, Italy. AV’s Role: Scientific organizer.
- May 19 2015. Co-Chair Symposium: “Executive functions: from neural bases to cognitive training”. Univ Padova.
- Oct 16-17, 2014. Workshop: “Attention to Time”. University of Padova, Italy. Organizers: Bisiacchi P., Vallesi A.
- 25 January 2013. Symposium organized by Vallesi A. Title: “Executive function or executive functions? 31 European Workshop in Cognitive Neuropsychology, Bressanone, Italy. Etc.