

CURRICULUM VITAE ET STUDIORUM

Prof. Dr. Demis Basso

E-mail: demis.basso@unibz.it

<https://www.unibz.it/en/faculties/education/academic-staff/person/30397-demis-basso>

ORCID: 0000-0002-4595-3513

viale Ratisbona, 16 – 39042 Bressanone (BZ-I)
phone: +39 0472 014294; fax: +39 0472 014109

Current positions:

- Full Professor, s.s.d. M-PSI/01 (Psicologia Generale - General Psychology), Faculty of Education, Free University of Bozen-Bolzano;
- Head of the Cognitive and Educational Sciences Lab (CESLab), at the Faculty of Education, Free University of Bozen-Bolzano;
- Visiting scientist at the CINPSI Neurocog (Catholic University of Maule, Talca, Chile), from 22.03.2018;
- Member of the Psychological Order of Bozen (I), n° 749, from 29.11.2012.

Past career:

- Associate professor (January 2015 – September 2021) and University researcher (October 2010 – December 2014), s.s.d. M-PSI/01 (Psicologia Generale - General Psychology), Faculty of Education, Free University of Bozen-Bolzano, Italy;
- Co-founding member of the Centro di Neuroscienze Cognitive Applicate (Center of Applied Cognitive Neurosciences), Rome (March 2009 – December 2020);
- Collaborator of the Department of Psychology, University of Pavia, (Italy) on the project: “Consulenza per la costruzione di programma per la gestione di test cognitivi e parallela stimolazione TMS, collaborazione all’analisi dei dati e alle elaborazioni statistiche relative” (August – September 2010);
- Post-doctoral fellow at the Department of General Psychology, University of Padua (Italy) on the project: “NeuroMarketing: Tecniche di Neuroscienze al servizio delle aziende” (May – July 2010);
- Post-doctoral fellow at the Department of General Psychology, University of Padua (Italy) on the project: “Uno studio con stimolazione magnetica transcranica rTMS dell’effetto Simon e dell’effetto SNARC” (February 2008 –January 2010);
- Post-doctoral fellow at the Department of Experimental Pathology, Medical Biotechnologies, Infectivology and Epidemiology, University of Pisa (Italy), on the project: “Metodologie di studio delle attività metabolico-funzionali della corteccia cerebrale in relazione all’elaborazione di stimoli spaziali visivi e tattili nell’uomo” (July 2005 – June 2007);
- Visiting researcher at the Institute of Medical Psychology and Behavioural Neurobiology, Eberhard Karls University of Tübingen, Germany (October 2002 – June 2003, and January – May 2004);
- PhD student in Cognitive Psychology at ECONA, Faculty of Psychology I, University of Rome “La Sapienza” (November 2001 – October 2004);
- Internship as junior psychologist at the University of Padua, Italy: in the clinical area at CSN (=Neuropsychological Counselling and Supervision Laboratory), Liripac (=Applied Research and Clinical Psychology Laboratories); in experimental area at the Department of General Psychology (September 1999 – July 2000).

Collaborations:

2022-present – Collaboration with Dr. Laura Zamarian, Medizinische Universität Innsbruck (A) and Prof. Manuela Piazza, Center for Mind/Brain Sciences (CIMeC; University of Trento); research on numerical and mathematical learning;

2019-present – Collaboration with Dr. Lisa Webster & Dr. Laura De Pretto, Department of Social and Behavioural Sciences (Leeds Trinity University, UK); research on wellbeing;

2017-present – Collaboration with Dr. Chiara Saracini, Vicerrectoria de Investigación y Postgrado (Catholic University of Maule, Talca, Chile); research on planning and executive functions;

2012-present – Collaboration with Prof. Dr. Claus-Christian Carbon, Department of General Psychology and Methodology (University of Bamberg, D); research on spatial cognition related to sociocultural indicators;

2007-present – Collaboration with Prof. Dr. Paola Palladino, Department of Psychology, University of Foggia, Italy; didactical activity and research on numbers and movement, prospective and working memory;

2001-2015 – Collaboration with the Department of General Psychology, University of Padua, Italy; didactical activity and research on several issues of experimental and clinical neuropsychology;

2005-2012 – Collaboration with Prof. Carlo Miniussi, IRCCS San Giovanni di Dio - Fatebenefratelli, Brescia, Italy;

2005-2011 – Collaboration with the Laboratory of Clinical Biochemistry and Molecular Biology, University of Pisa: research on supramodal visuo-tactile cerebral areas on sighted and blind subjects;

2005-2008 – Collaboration with the CIRID – Interathenaeum Center for Research on Disabilities and Technologies for Autonomy, Valmontone (RM), Italy;

2002-2008 – Collaboration with the Cognitive Science and Psychology Laboratory, Faculty of Psychology I, University of Rome "Sapienza", Italy; didactical activity and research on spatial planning and navigation, human factors, fMRI data analysis methods;

1999-2001 – Collaboration with the Rehabilitation Unit at the "S. Bortolo" Hospital, Vicenza, Italy, as expert in executive functions.

Ph.D. dissertation:

Ph.D. in Cognitive Psychology discussed in Rome, April, 19th, 2005 with the dissertation: *Involvement of the prefrontal cortex in visuo-spatial planning*, supervisor: Prof. M. Olivetti Belardinelli, Faculty of Psychology 1, University of Rome "Sapienza", Italy. URL: <http://hdl.handle.net/11573/917230>

Master degree:

Master degree in General and Experimental Psychology from the University of Padua in July 1999 with vote 107/110. Title: *Studio sulla pianificazione umana tramite una simulazione del dilemma del commesso viaggiatore* (=Study on human planning through a simulation of the traveling salesperson problem), thesis advisor: Prof. P. S. Bisiacchi, Department of General Psychology, University of Padua, Italy.

Teaching

Teaching areas of interest: General and Cognitive Psychology, Psychology of Communication, Research methodology.

University lectures:

- For the Faculty of Education, Free University of Bozen-Bolzano, I give the following courses on:
 - General Psychology (45 hours for Bachelor in Social Education / 45 hours for Bachelor in Social Work, since Academic Year 2013-14),
 - Psychology of communication (45 hours, Bachelor in Communication and culture sciences, since AY 2012-13),
 - Life skills e competenze trasversali (20 hours, optional laboratory, from AY 2020-21),
 - Research methodology (10 hours, PhD in "Pedagogia generale, pedagogia sociale, didattica generale e didattica disciplinare", since AY 2015-16);
 - Psicologia dell'apprendimento e dello sviluppo (24 hours, Percorso Formativo 24 CFU, from AY 2020-21 to 2022-23);
 - Neuropsichiatria infantile (30 hours, Master in Education/FIT, from AY 2015-16 to 2020-21),
 - Differenze, difficoltà e disturbi dell'apprendimento (15 hours, Master in Education, from AY 2015-16 to 2020-21);
- Supervisor of Ph.D. students (5 as first tutor, 4 as second tutor) and 63 graduate students at the Universities of Bozen, Padua, Pavia and "Sapienza" of Rome.

Third-mission / popularization of science:

- 2022 November 12th – Le mille e una scienza, Bolzano. Title: "...dateci un cubetto di appoggio!".
- 2022 April 10th, – Rai Radio 2, program "Terza Missione" directed by Paolo Mazzucato. Interview about prospective memory.
- 2021 February 1st – Rai Radio 2, program "Post-it" directed by Alessandra Tortosa. Interview about communication.
- 2020 November 6th – Department of Education, University Roma Tre, Conference: "Edula 2020". Title of the talk: "*Quali parti del corpo ci rendono umani? Comunanze e differenze rispetto alla ricerca in AI*" (= "Which parts of the body make us human? Communalities and differences with respect to the AI research").
- 2019 November 7th – Department of Education, University Roma Tre, Conference: "Edula 2019". Title of the talk: "*Intelligenza umana e artificiale: le life-skills cognitive*" (= "Human and artificial intelligence: The cognitive life-skills").
- 2019 April 14th, – Rai Radio 2, program "Terza Missione" directed by Paolo Mazzucato. Interview about mind wandering.
- 2018, March 17th – Rai Radio 2, program "Greenwich" directed by Carmela Marsibilio. Invited as expert on neuroscience, during the "Brain Awareness Week".
- 2017, May 27th – Festival dell'Educazione, Bolzano. Title: "*Life skills cognitive e insegnamento (=Cognitive life skills and teaching)*".
- 2016, September 30th – Lunga Notte della Ricerca, Bolzano. Title: "*La Psicologia, la scuola ...e voi! (=Psychology, School... and you!)*".
- 2015, April 16th – BrixEnjoy - AperiUni, Brixen (BZ, I). Title: "*Musica e Cervello (=Music and Brain)*" (with Paolo Somigli).
- 2014, May 17th – Junior Uni (Free University of Bozen/Bolzano), Bolzano (I). Title: "*'Stattento!!' Cos'è e come si usa l'attenzione (=Pay attention! What is and how to use attention)*".
- 2014, March 15th – Rai Radio 2, program "Greenwich" directed by Carmela Marsibilio. Invited as expert on attention and neuroscience, during the "Brain Awareness Week".
- 2014, February 6th – Series of conferences dedicated to families, City of Bressanone-Brixen (BZ). Title: "*La comunicazione nella coppia che scoppia (=Communication in a blowing up couple)*" (with Francesca Presutti).
- 2012, September 28th – Lunga Notte della Ricerca, Bolzano. Title: "*Questo lo farò... dopo! Memoria prospettica e nodi al fazzoletto (=I will do this...later! Prospective Memory and knots in handkerchief)*".
- 2012, May 26th – Junior Uni (Free University of Bozen/Bolzano), Brixen (BZ, I). Title: "*Voglio muovere la mano e... si muove!!! (=I want to move my hand and... it moves!!!)*".
- 2008, November 14th to December 5th – Series of workshops "*Psicociacce*" (=Psychochats), 4 appointments, at the "Il Portico Onlus" Association - Dolo (VE, I).

Institutional appointments

National level:

- delegate for the Free University of Bozen/Bolzano by the Consulta Nazionale della Psicologia Accademica (=National Council of Academic Psychology), since its establishment, May 2013.

University level:

- responsible for the research area "Psychology and wellbeing promotion in educational contexts" at the Faculty of Education, Free University of Bolzano (since February 2018);
- member of the Committee for Guarantee of Faculty Research Quality and Third Mission (since April 2018);
- member of the Research Ethics Committee of the Free University of Bolzano (since December 2023);
- president of the course committee for the organization and Study plan commission of the PF 24CFU course (from September 2018 to October 2023; previously, member of the same committee since October 2017);
- responsible for the team BrixEnjoy! (since its creation, October 2014).
- member of the course committee for the Bachelor: Communication Science and Culture (October 2017 – September 2020);
- member of the Study plan commission for the master in Primary education – Italian section (January 2012 – December 2016);
- member of the Study plan commission for the TFA/UBK course (February 2013 – January 2016);

- member of the course committee for the organization of TFA speciale/PAS (August 2013 – July 2014).

Research

Areas of interest: Cognitive Psychology, Neuroscience, Education.

Current research in: Visuo-spatial planning, Prospective memory, Numerical cognition & Education, life-skills & wellbeing, E-learning, Media & Communication, Executive functions.

Grants (as principal investigator):

- 1- "Life-Skills: from documents to experience (LiSkE)", Free University of Bozen-Bolzano Start-up fund (January 2023-October 2025), 70,000 Euro;
- 2- "*NeuroTrain: Neurocognition of arithmetic (re-)learning*", Euregio Science Fund 2020 (January 2022-December 2024). Head of the unibz unit, 123,427.50 Euro;
- 3- "*Robotics for the Inclusive Development of Atypical and Typical Children (RIDE)*", Erasmus+ 2019-1-HU01-KA201-061275 (September 2019-August 2022). Head of the unibz unit, 73,642 Euro;
- 4- "*Mind Wandering: cognitive characteristics and good practices (MiWaCogEdu)*", Central Research Committee, Free University of Bozen-Bolzano (November 2016-April 2019), 67,900 Euro;
- 5- "*Prospective Memory as an indicator of social and scholastic development*", Central Research Committee, Free University of Bozen-Bolzano (October 2012-September 2014), 35,000 Euro;
- 6- "*Invisible attractions: Does estimation of distances in South Tyrolean inhabitants depend on their linguistic preference?*", Faculty of Education, Free University of Bozen-Bolzano (October 2012-September 2013), 10,900 Euro.

Participation in research projects:

- 1- "*Digital Bozen and Brixen. Documentation, enhancement and educational processes for heritage (B--Digital)*" Central Research Committee, Free University of Bozen-Bolzano 2020. Project leader: A. Luigini;
- 2- "*Cognitive and socio-emotional predictors of bullying in early childhood (UPRISING)*", Central Research Committee, Free University of Bozen-Bolzano 2019. Project leader: A. Brighi;
- 3- "*Virtual and augmented reality for arts and heritage in education and museum experience (VAR.HEE)*" Central Research Committee, Free University of Bozen-Bolzano 2017. Project leader: A. Luigini;
- 4- "*Combining computation thinking, didactics and software engineering in K-12 (COCONATS)*", Central Research Committee - Interdisciplinary grants, Free University of Bozen-Bolzano 2017. Project leader: I. Fronza;
- 5- "*Sensitivity to reduced syllables in Italian-German bilinguals and implications for grammatical learning*", Central Research Committee, Free University of Bozen-Bolzano 2016. Project leader: U. Domahs;
- 6- "*Effects of bilingualism in aging population*", Central Research Committee, Free University of Bozen-Bolzano 2013. Project leader: R. Franceschini;
- 7- "*Profili di personalità e comportamento di guida: uno studio applicato a un training di guida sicura*", Faculty of Education, Free University of Bozen-Bolzano 2013 (October 2013 - September 2014), Project leader: M. Smorti;
- 8- "*Risikofaktoren für suizidales Verhalten (=Risk factors in suicidal behavior)*", Faculty of Education, Free University of Bozen-Bolzano 2013 (October 2013 - December 2014), Project leader: Reinhard Tschesner.
- 9- "*Fattori di rischio e di protezione nella guida pericolosa in adolescenza (=Risk and protective factors in dangerous driving behaviour in adolescents)*", Faculty of Education, Free University of Bozen-Bolzano 2013 (October 2011 - September 2012), Project leader: M. Smorti.
- 10- "*Memory and time: remembering the past, imagining the future. Cognitive, developmental, personal and neuropsychological aspects of episodic thoughts*", MIUR national grant 2008. Project leader: A. Brandimonte (unit of Pavia, coordinated by Prof. P. Palladino).
- 11- "*Binding with and without consciousness in perception and action*", MIUR national grant 2008. Project leader: W. Gerbino (unit of Padua, coordinated by Prof. P. Bisiacchi).
- 12- "*Remembering intentions: cognitive, socio-motivational and neurocognitive aspects in a life-span perspective*", MIUR national grant 2006. Project leader: A. Brandimonte (unit of Pavia, coordinated by Prof. P. Palladino).
- 13- "*Plasticity of categorical boundaries*", MIUR national grant 2005. Project leader: W. Gerbino (unit of Padua, coordinated by Prof. P. Bisiacchi).

- 14- "Interpolation in vision, in action, and in representational space", MIUR national grant 2003. Project leader: W. Gerbino (unit of Padua, coordinated by Prof. P. Bisacchini).
- 15- "Learning disabilities: behavioural and cognitive evaluation and rehabilitation", MIUR national grant 2003. Project leader: G. Lancioni (unit of Rome "La Sapienza", coordinated by Prof. M. Olivetti Belardinelli).

Activity as reviewer:

I am reviewer for the following international journals: Neuroimage; Neuropsychologia; Brain Research Bulletin; Brain & Cognition, Neuroscience Letters, Biological Psychology, Computers & Education; Learning and Individual Differences (Elsevier); Journal of Cognitive Neuroscience; European Journal of Neuroscience; Clinical Physiology and Functional Imaging (Wiley); Journal of Clinical and Experimental Neuropsychology; International Journal of Geographical Information Science (Taylor & Francis); Cerebral Cortex (Oxford University Press); Cognitive Processing (Springer); Scientific Reports (Nature Pub. Group); Journal of the International Neuropsychological Society (Cambridge); Neuropsychobiology (Karger); Restorative Neurology and Neuroscience (IOS press); Functional Neurology (CIC); Review Editor for Frontiers in Cognition; Frontiers in Psychology; Frontiers in Behavioral Neuroscience; The Journal of Neuroscience, BMC Psychology, PLOS ONE, The Spanish Journal of Psychology (Cambridge University Press), Sustainability; Sensors; Encyclopedia (MDPI).

Moreover, I have been ad-hoc reviewer for grants of:

- the Italian Ministry of University and Research (MUR):
 - Futuro in Ricerca 2013 (2 projects, pre-selection),
 - SIR 2014 (6 projects pre-selection, 2 projects selection),
 - Programma per Giovani Ricercatori "Rita Levi Montalcini" 2016 (1 project),
 - Fondo Integrativo Speciale Per La Ricerca - FISR 2020: (3 projects, pre-selection);
- the German Israeli Foundation for Scientific Research and Development:
 - 2 projects (since 2014),
- the Swiss National Science Foundation (SNF):
 - 1 project (2022).

Affiliation to societies:

Founding member, since 2021, of the association IMG-Network APS (appointed as secretary since 2021).

Member, since 2011, of the Italian Society of Psychophysiology (SIPF).

Member, since 2009, of the Italian Psychological Association (AIP).

Member, since 2009, of the Association of Psychological Science (APS).

Member, since 2005, of the European Society of Cognitive Psychology (ESCOP).

Founding member, since 2009, of the Centro di Neuroscienze Cognitive Applicate (CeNCA, discontinued on 2020).

Editorial activity:

Section Editor (section: Cognitive psychology) of the scientific journal: Open Psychology (<https://www.degruyter.com/view/j/psych>), ISSN 2543-8883;

Associate Editor of the scientific journals:

- IMG (<http://www.img-network.it/img-journal/>), ISBN: 9788899586119,

Member of the scientific board of the e-journal: IN Psicologia Psicoterapia Psichiatria (<http://www.in-psicoterapia.com/>).

Invited talks (selected):

- 2022 October 27th – International workshop "Homo Ludens: Mind, Agency, and Videogames" organized by the Department of Philosophy, University of Concepción & CINPSI Research Center, Catholic University of Maule, Talca (Chile). Title of the talk: "*From manipulatives to serious games: Different tasks but similar motivation*".
- 2022 May 16th – International conference "Behavioral Science & Leadership" organized online at the Université Mohammed VI des Sciences de la Santé (Casablanca, Morocco). Title of the talk: "*Cognitive life-skills to manage interpersonal issues in work environments*".

- 2020 October, 29th – Faculty of Education, University of Castilla-La Mancha, Cuenca (S). International conference: "Neuroeducación: desde la psicología a la motricidad". Title of the talk: "*Little blocks for great breakthroughs: A neuroscience-based didactical approach*".
- 2018 August 23rd – Catholic University of Maule, Talca (Chile). Title of the keynote: "*Teacher forgive me, I forgot to do it! (How to manage Prospective Memory in childhood)*".
- 2017 November 22nd – Graz (A), Conference: "Cognition and language". Title of the keynote: "*Prospective memory and meta-memory*".
- 2016 November 11th – Rimini, First International Conference "Immaginare, sperimentare, innovare. Didattiche 2016". Round table: "*Neuroscienze e Didattica*" (=Neurosciences and Didactics).
- 2014 November 28th – Bolzano, III National Conference "Didattica e Inclusione Scolastica". Title of the talk: "*Differenze individuali e stili di apprendimento*" (=Individual differences and learning styles).

Organization of scientific conferences:

- Member of the Scientific and Organizing Committee of the "*Cognitive Science Arena*", Brixen (BZ-I): every year since 2013. URL: <https://cogsci.unibz.it>
- Member of the Organizing Committee of "*IMG, Image and imagination between representation, communication, education and psychology*", biannual conference, since the first edition in 2017;
- Member of the Scientific and Organizing Committees of "*PsycholEduca*", Brixen (BZ-I): November 10th-12th, 2015;
- Member of the Organizing Committee of the "*European Workshop on Cognitive Neuropsychology*", Brixen (BZ-I): from the 34th to 38th edition (2016-2020). URL: <http://bressanone.dur.ac.uk/>
- Member of the Scientific and Organizing Committees of the "*Developmental Neuropsychology workshop*", Brixen (BZ-I); from the 7th to 9th edition (2012-2014).
- Member of the Scientific Committee of the "*4th International Conference on Spatial Cognition*", Rome (I): September 14th-19th, 2009. URL: <http://w3.uniroma1.it/icsc/2009>
- Member of the Organizing Committee of the "*A.I.P. – National Conference of the Experimental Psychology section*", Padua (I): September 18th-20th, 2008. URL: <http://aip08.psy.unipd.it/sperimentale/>
- President of the Organizing Committee of the "*3rd International Conference on Spatial Cognition: Dynamics in spatial interactions*", Rome & Perugia (I): September 12th-15th, 2006. URL: <http://w3.uniroma1.it/icsc/2006>
- Organization of the cycles of workshops "*Neuropsychological Assessment*" and "*The Neuropsychological Screening*", at the CSN Lab, University of Padua, Italy (AY 2001-2002);
- Organization of the cycle of workshops "*The Neuropsychological Screening*" at the CSN Lab, University of Padua, Italy (AY 1999-2000).

List of Publications

H-index: 17; Citations (Scopus): 802

Publications on referred international journals (indexed on Scopus or WoS)

- 1) Berni, A., Borgianni, Y., **Basso, D.**, & Carbon, C.C. (2023). Fundamentals and issues of User Experience in the process of designing consumer products. *Design Science*, 9, e10. DOI: 10.1017/dsj.2023.8
- 2) **Basso, D.**, Corradini, G., & Cottini, M. (2023). "Teacher, forgive me, I forgot to do it!" The impact of children's prospective memory and social skills on teachers' evaluations of academic performance. *British Journal of Educational Psychology*, 93(1), 17-32. DOI: 10.1111/bjep.12537
- 3) Ronconi, L., Florio, V., Bronzoni S., Salvetti, B., Raponi A., Giupponi, G., Conca, A., & **Basso, D.** (2023). Wider and stronger inhibitory ring of the attentional focus in schizophrenia. *Brain Sciences*, 13(2), 211. DOI: 10.3390/brainsci13020211
- 4) **Basso, D.**, & Cottini, M. (2023). Cognitive neurosciences and education: not a gap to be bridged but a common field to be cultivated. *Sustainability*, 15, 1628. 10.3390/su15021628
- 5) Borgianni, Y., Maccioni, L., Dignös, A., & **Basso, D.** (2022). A Framework to Evaluate Areas of Interest for Sustainable Products and Designs. *Sustainability*, 14(13), 7931. DOI: 10.3390/su14137931

- 6) Cottini, M., **Basso, D.**, Pieri, A. & Palladino, P. (2021). Metacognitive monitoring and control in children's prospective memory. *Journal of Cognition and Development*, 22(4), 619-639. DOI: 10.1080/15248372.2021.1916500
- 7) Cottini, M., **Basso, D.**, & Palladino, P. (2021). Improving prospective memory in school-aged children: effects of future thinking and performance predictions. *Journal of Experimental Child Psychology*, 204, 105065. DOI: 10.1016/j.jecp.2020.105065
- 8) Sangiuliano Intra, F., Cagol, M., **Basso, D.**, Cottini, M. (2020). Can binaural beats stimulation support children's sustained attention? A feasibility study. *Ricerche di Psicologia*, 43(4), 1153-1165. DOI: 10.3280/RIP2020-004010
- 9) Luigini, A., Fanini, B., Basso, A., & **Basso, D.** (2020). Heritage education through serious games. A web-based proposal for primary schools to cope with distance learning. *Vitruvio*, 5(2), 93-105. DOI:10.4995/vitruvio-ijats.2020.14665
- 10) Moschella, M., & **Basso, D.** (2020). Computational Thinking, spatial and logical skills. An investigation at primary school. *Ricerche di Pedagogia e Didattica*, 15(2), 69-89. DOI: 10.6092/issn.1970-2221/11583
- 11) Luigini, A., Parricchi, M., Basso, A., & **Basso, D.** (2020). Immersive and participatory serious games for heritage education, applied to the cultural heritage of South Tyrol. *IxD&A*, 43, 47-69. DOI: 10.55612/s-5002-043-003
- 12) Tovazzi, A., Giovannini, S., & **Basso, D.** (2020). A new method for evaluating knowledge, beliefs and neuromyths about the mind and brain among Italian teachers. *Mind, Brain and Education*, 14(2), 187-198. DOI: 10.1111/mbe.12249
- 13) **Basso, D.**, & Saracini, C. (2020). Differential involvement of left and right frontoparietal areas in visuospatial planning: A rTMS study. *Neuropsychologia*, 58, 107260. DOI: 10.1016/j.neuropsychologia.2019.107260
- 14) Imperio, A., Kleine Staarman, J., & **Basso, D.** (2020). Relevance of the socio-cultural perspective in the discussion about critical thinking. *Ricerche di Pedagogia e Didattica*, 15(1), 1-19. DOI: 10.6092/issn.1970-2221/9882
- 15) Borgianni, Y., Maccioni, L., & **Basso, D.** (2019). Exploratory study on the perception of additively manufactured end-use products with specific questionnaires and eye-tracking. *International Journal on Interactive Design and Manufacturing*, 13, 743-759. DOI: 10.1007/s12008-019-00563-w
- 16) Maccioni, L., Borgianni, Y., & **Basso, D.** (2019). Value perception of green products: an exploratory study combining conscious answers and unconscious behavioral aspects. *Sustainability*, 11(5), 1226. DOI: 10.3390/su11051226
- 17) Cottini, M., **Basso, D.**, Saracini, C., & Palladino, P. (2019). Performance predictions and postdictions in prospective memory of school-aged children. *Journal of Experimental Child Psychology*, 179, 38-55. DOI: 10.1016/j.jecp.2018.10.008
- 18) Cottini, M., **Basso, D.**, & Palladino, P. (2018). The role of declarative and procedural metamemory on event-based prospective memory in school-aged children. *Journal of Experimental Child Psychology*, 166, 17-33. DOI: 10.1016/j.jecp.2017.08.002
- 19) Pedale, T., **Basso, D.**, & Santangelo, V. (2017). Processing of negative stimuli facilitates event-based prospective memory only under low memory load. *Journal of Cognitive Psychology*, 29(8), 920-928. DOI: 10.1080/20445911.2017.1329204
- 20) **Basso, D.** (2016). Content encapsulation in consciousness is likely to be incomplete. *Behavioural and Brain Sciences*, 39(1), e170. DOI: 10.1017/S0140525X15002009
- 21) Tschiesner, R. & **Basso D.** (2015). Consciousness, not only intentionality, yields self-harm behaviour. *Frontiers in Human Neuroscience*, 9 (69). DOI: 10.3389/fnhum.2015.00069
- 22) Bardi, L., Schiff S., **Basso D.**, & Mapelli, D. (2015). The premotor cortex mediates response activation and suppression during spatial conflict. *European Journal of Neuroscience*, 41(4), 487-491. DOI: 10.1111/ejn.12803
- 23) Botto, M., **Basso, D.**, Ferrari, M., & Palladino, P. (2014). When Working Memory updating requires updating: Analysis of serial position in a running memory task. *Acta Psychologica*, 148, 123-129. DOI: 10.1016/j.actpsy.2014.01.012
- 24) Casula, E.P., Tarantino, V., **Basso, D.**, Arcara, G., Marino, G., Toffolo, G.M., Rothwell, J.C., & Bisiacchi, P.S. (2014). Low-frequency rTMS inhibitory effects in the primary motor cortex: Insights from TMS-evoked potentials. *NeuroImage*, 98, 225-232. DOI: 10.1016/j.neuroimage.2014.04.065
- 25) Ronconi, L., **Basso, D.**, Gori, S., & Facoetti, A. (2014). TMS on right frontal eye fields induces an inflexible focus of attention. *Cerebral Cortex*, 24(2), 396-402. DOI: 10.1093/cercor/bhs319

- 26) **Basso, D.** (2013). Planning, prospective memory and decision-making: Three challenges for hierarchical predictive processing models. *Frontiers in Theoretical and Philosophical Psychology*, 3, 623. DOI: 10.3389/fpsyg.2012.00623
- 27) **Basso, D.**, Pavan, A., Ricciardi, E., Fagioli, S., Vecchi, T., Miniussi, C., & Pietrini, P. (2012). Touching motion: rTMS of the middle temporal complex interferes with tactile speed processing. *Brain Topography*, 25(4), 389-398.
- 28) Salillas, E., Semenza, C., **Basso, D.**, Vecchi, T., & Siegal, M. (2012). Single pulse TMS induced disruption to right and left parietal cortex on addition and multiplication. *NeuroImage*, 59(4), 3159-3165.
- 29) Bisiacchi, P.S., Cona, G., Schiff, S., & **Basso, D.** (2011). Modulation of fronto-parietal network in event-based prospective memory: An rTMS study. *Neuropsychologia*, 49, 2225-2232.
- 30) Schiff, S., Bardi, L., **Basso, D.**, & Mapelli D. (2011). Timing spatial conflict within the parietal cortex: a TMS study. *Journal of Cognitive Neuroscience*, 23(12), 3998-4007.
- 31) Ricciardi, E., **Basso, D.**, Sani, L., Bonino, D., Vecchi, T., Pietrini, P., & Miniussi, C. (2010). Functional inhibition of the human middle temporal cortex affects non-visual motion perception: a repetitive transcranial magnetic stimulation study during tactile speed discrimination. *Experimental Biology and Medicine*, 236(2), 138-144.
- 32) **Basso, D.**, Ferrari, M., & Palladino, P. (2010). Prospective memory and working memory: Asymmetrical effects during frontal lobe TMS stimulation. *Neuropsychologia*, 48(11), 3282-3290.
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- 8) Cottini, M., Ferrari, M., **Basso, D.**, & Palladino, P. (). Episodic memory and future thinking: task structure, time constraints and temporal distance. (in preparation).

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