0	Andrea Orlandi
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	andrea.orlandi@mq.edu.au
	- Sapienza University of Rome   Dept. of Psychology, Italy - IRCCS Santa Lucia Foundation, Rome, Italy
	- Macquarie University, Sydney, NSW, Australia   School of Psychological Sciences
RESEACH INTERESTS	Body perception, action representation, visuomotor (dance, music) expertise, neural plasticity, motor imagery, mental rotation, neuroaesthetics of movement, social cognition, interoception
	electroencephalography (EEG), functional neuroimaging (fMRI), kinematic analysis, physiological measures (HR)
JOB-RELATED SKILLS	Good knowledge of theoretical models related to neuropsychology and cognitive neuroscience Good knowledge of the EEG/ERP (evoked-related potential) technique: both biological-theoretical and practical (recording and analysis) assumptions Good knowledge of specific software:
	- EEG recording and stimuli presentation: Eevoke, Eeprobe, ASA (ANT Neuro software), Fieldtrip - Experiment creation: OpenSesame/E-Prime, PsychoPy
	<ul> <li>Statistical analysis: Statistica (StatSoft), SPSS, Rstudio</li> <li>Photo, video, audio editing, and 3D graphic: Photoshop/Gimp, Adobe Premiere, Audacity, Blender</li> <li>Coding and data analysis: Matlab, SPM, and Tracker (Offline Motion Tracking)</li> </ul>
FUNDING GRANTED	
February 2022	Sapienza University Outreach Grant <i>Title</i> : Neuroscience meets dance: an experiential approach in using of performative arts in contemporary social and affective neuroscience. <i>Supervisor</i> : Prof. Matteo Candidi - Sapienza University of Rome (Italy) <i>Amount</i> : 6000 €
November 2021	Sapienza University Research Starting Grant <i>Title</i> : Neuroestetica delle interazioni: una porta di accesso allo studio della cognizione sociale. <i>Supervisor</i> : Prof. Matteo Candidi - Sapienza University of Rome (Italy) <i>Amount</i> : 2.250 €
February 2021	MSCA-IF-2020 – Marie Curie Global Fellowship
	<i>Title</i> : InteroceptionAction - Unraveling the role of interoceptive abilities in aesthetic appreciation of movement. <i>Supervisors</i> : Prof. Matteo Candidi - Sapienza University of Rome (Italy) Prof. Emily S. Cross - Macquarie University, Sydney (Australia) <i>Amount</i> : 257,210 €
December 2020	Grants for Scientific Research – BIAL Foundation (Portugal)
	Title: Beyond your own body: extending the bodily self to the neuroaesthetics of interactions. Team: Andrea Orlandi (PI), Martina Fanghella, Quentin Moreau, Matteo Candidi (co-PI) Amount: 49,500 €
WORK EXPERIENCE	
September 2022 – Current Position	Marie Curie (GF) Postdoctoral research fellowship Fellowship at Sapienza University of Rome, Dept. of Psychology, Italy SCNL - Social and Cognitive Neurosciences Laboratory   AgliotiLAB Honorary Fellowship at Macquarie University, School of Psychological Sciences, Sydney, NSW, Australia SoBA Lab – Social Brain in Action Supervisor: Prof. Matteo Candidi & Emily S. Cross
September 2019 – August 2022	Postdoctoral research fellowship Fellowship at Sapienza University of Rome, Dept. of Psychology, Italy SCNL - Social and Cognitive Neurosciences Laboratory   AgliotiLAB Supervisor: Prof. Matteo Candidi

January 2015 – October 2015	Fellowship at CNR (National Research Council) Fellowship IBFM-CNR, Institute of Bioimaging and Molecular Physiology, CNR, Milan-Segrate, Italy BANDO IBFM/B.S.005/2014/Z.A PROTOCOLLO N. 0003050 DEL 14/11/2014 Supervisor: Prof. Alberto Zani
March 2013 – December 2014	Post-graduate trainee University of Milano-Bicocca, Dept. of Psychology, Italy Cognitive Electrophysiology Laboratory Supervisor: Prof. Alice Mado Proverbio
EDITORIAL EXPERIENCE	
	<ul> <li>Reviewer for ERC Starting Grant 2022</li> <li>Topic editor for Brain Sciences; Editor Reviewer for Frontiers in Psychology</li> <li>Translator of the book Cognitive Neuroscience (third Italian edition) by Gazzaniga, Ivry, &amp; Magnun (edited by Zanichelli)</li> </ul>
TEACHING EXPERIENCE	
June 2022	Academic lecture "Neuroscienze della danza e partnership" at I livello master in Partnership Studies e tradizioni native, Udine University, Italy.
January 2015 – November 2018	<ul> <li>Teaching assistant (Prof. Alice Mado Proverbio)</li> <li>Physiological Psychology (2015-2018), Behavioral Disorders Psychobiology (2016-2018) and Social Cognitive and Affective Neuroscience (2016-2018)</li> <li>Experimental Research Methods in Cognitive Neuroscience (2015-2016) and Lifespan Psychobiology (2015-2017)</li> <li>Lecturer for the laboratory of 'EEG/ERP and neuroscience of dance' (April 2016)</li> </ul>
EDUCATION	
November 2021 – May 2021	Specialization course (2 <sup>nd</sup> level master) High-specialty Neurorehabilitation: neurocognitive and neuromotor methodologies, IRCCS Santa Lucia Foundation, Rome (Treccani Accademia)
November 2015 – November 2018	<ul> <li>Ph.D. student</li> <li>Psychology, Linguistics and Cognitive Neuroscience (Cum Laude), University of Milano-Bicocca, Dept. of</li> <li>Psychology, Italy</li> <li>Supervisor: Prof. Alice Mado Proverbio, Lab of Cognitive Electrophysiology</li> <li>Thesis: "Action representation in the human brain: electrophysiological markers and neurofunctional correlates"</li> <li>Date of thesis defence: 8.02.2019</li> </ul>
October 2017 – July 2018	Visiting Ph.D. student University of Glasgow, Scotland (UK) Bangor University, Wales (UK) Supervisor: Prof. Emily S. Cross, Social Brain in Action Laboratory   SoBA Lab
	Advanced courses
5.07.2021 - 9.07.2021	- Causal Discovery for Psychology, Neuroscience, and Psychiatry (University of Minnesota, USA - <i>online</i> )
13.08.2017 - 19.08.2017	<ul> <li>Radboud Summer School, Math and Matlab for Neuroscientists (Nijmegen, The Netherlands)</li> <li>7th IMPRS NeuroCom Summer School Max Plank Institute - UCL, London (UK)</li> </ul>
12.07.2017 - 14.07.2017	Poster presentation. Award: Experimental Design Prize winner
19.06.2017 - 22.06.2017	<ul> <li>Cutting EEG, 3rd Symposium on cutting-edge methods for EEG research. University of Glasgow, Scotland (UK)</li> </ul>
04.09.2016 - 10.09.2016	Poster presentation - The Visceral Ming VII Summer School. Bangor University, Wales (UK)
September 2011 – March 2014	Master's Degree Clinical and Developmental Psychology and Neuropsychology. University of Milano-Bicocca, Italy. <i>Thesis</i> : "Neuroscienze della danza: il ruolo dell'expertise nella percezione del movimento" (Neuroscience of dance: the role of expertise in the perception of biological motion) <i>Supervisor</i> : Prof. Alice Mado Proverbio. <i>Final mark</i> : 110/110 Cum Laude
September 2007 – March 2011	Bachelor's Degree Psychological Science and Techniques. University of Milano-Bicocca, Italy
	Artistic Degree Accademia Pier Lombardo I Dance Department. Milan, Italy

	High School Diploma (scientific studies) Liceo Scientifico Salesiani Don Bosco, Treviglio (MI), Italy
MEMBERSHIPS	<ul> <li>Partnership Studies Group based at the University of Udine (from 2021)</li> <li>Marie Curie Alumni Association - MCAA (from 2021)</li> <li>AIP - Associazione Italiana Psicologia (Italian Psychology Association; from 2016)</li> <li>ASA - American Society for Aesthetics (from 2022)</li> <li>ESCAN - European Society for Cognitive and Affective Neuroscience (from 2022)</li> <li>IAEA - International Association of Empirical Aesthetics (from 2022)</li> </ul>
PUBLICATIONS	
Peer-reviewed journal articles	<ol> <li>Orlandi A, Cross ES, Orgs G (2020). Timing is everything: Dance aesthetics depend on the complexity of movement kinematics. <i>Cognition</i>, 205, 104446.</li> </ol>
	<ol> <li>Orlandi A, Proverbio AM (2020). ERP indices of an orientation-dependent recognition of the human body schema. <i>Neuropsychologia</i>, 107535.</li> </ol>
	<ol> <li>Orlandi A, Arno E, Proverbio AM (2020). The effect of expertise on kinesthetic motor imagery of complex actions. <i>Brain Topography</i>, 33(2), 238-354.</li> </ol>
	<ol> <li>Orlandi A, D'Incà S, Proverbio AM (2020). Muscular effort coding in action representation in ballet dancers and controls: electrophysiological evidence. <i>Brain Research</i>, 146712.</li> </ol>
	<ol> <li>Orlandi A, Proverbio AM (2019). Left-hemispheric asymmetry for object-based attention: an ERP study. Brain Sciences, 9(11), 315.</li> </ol>
	6. Orlandi A, Proverbio AM (2019). Bilateral engagement of the occipito-temporal cortex in response to dance kinematics in experts. <i>Scientific Reports</i> , 9(1), 1000.
	<ol> <li>Orlandi A, Zani A, Proverbio AM (2017). Dance expertise modulates visual sensitivity to complex biological movements. <i>Neuropsychologia</i>, 104: 168-181</li> </ol>
	<ol> <li>Proverbio AM, Orlandi A, Bianchi E (2017). Electrophysiological markers of pregiudice related to sexual gender. <i>Neuroscience</i>, 358: 1-12</li> </ol>
	<ol> <li>Proverbio AM, Cozzi M, Orlandi A, Carminati M (2017). Error related negativity in the skilled brain of pianists reveals motor simulation. <i>Neuroscience</i>, 346: 309-319</li> </ol>
	<ol> <li>Proverbio AM, Orlandi A, Pisanu F (2016). Brain processing of consonance/dissonance in musicians and controls: a hemispheric asymmetry revisited. <i>European Journal of Neuroscience</i>, 44(6): 2340-2356</li> </ol>
	<ol> <li>Proverbio AM, Orlandi A (2015). Instrument-Specific Effects of Musical Expertise on Audiovisual Processing (Clarinet versus Violin). <i>Music Perception</i>, 33(4): 446-456</li> </ol>
	<ol> <li>Proverbio AM, Gabaro V, Orlandi A, Zani A (2015). Semantic brain areas are involved in gesture comprehension: An electrical neuroimaging study. <i>Brain and language</i>, 147, 30-40</li> </ol>
	<ol> <li>Zani A, Marsili G, Senerchia A, Orlandi A, Citron FM, Rizzi E, Proverbio AM (2015). ERP signs of categorical and supra-categorical processing of visual information. <i>Biological psychology</i>, 104, 90-107</li> </ol>
Book chapters	14. Cross ES, Orlandi A (2020). The Aesthetics of Action and Movement. In <i>The Oxford Handbook of Empirical Aesthetics</i>
Published abstracts	15. Orlandi A, Zani A, Proverbio AM (2015). Dance expertise modulates the visuomotor perception of body motion. <i>Perception</i> , 44, 233
	<ol> <li>Orlandi A, Proverbio AM (2014). Dance expertise modulates the visuomotor processing of complex body movements. <i>Neuropsychological Trends</i>, 16, 109-110</li> </ol>
PRESENTATIONS	
Symposium Organization	<ol> <li>Orlandi A, Darda K (2022). "Emerging multi-disciplinary perspectives and cutting-edge advancements in dance neuroaesthetics". European Society for Cognitive and Affective Neuroscience (ESCAN), Vienna, Austria.</li> </ol>
Invited speaker	1. Orlandi A (2022). "How to write an MSCA-IF. Tops from a self-taught". Lake Como School of Advanced Studies, Italy.
	2. Orlandi A (2021). "Rappresentazioni multisensoriali del corpo: vedere, toccare, sentire la danza". Cinematica Festival, Corporeità e Nuovi Media, Ancona, Italy.
	3. Orlandi A, Dotta M, Maietto L (2021). "Spatiotemporal complexity of dance aesthetics: converging perspectives of arts and science". Vittorio Gallese's seminar cycle "The expressive body. Performativity, Embodiment, neuroscience", University of Parma, Italy.

Oral presentations

- Orlandi A, Candidi M (2022). "Spatiotemporal complexity in dance aesthetics", XXVIII Congresso Nazionale AIP (Sezione Sperimentale), Padova, Italy.
- Orlandi A, Candidi M (2022). "Visuospatial complexity modulates dyadic interaction aesthetics", XXVII Conference of the International Association of Empirical Aesthetics (IAEA), Philadelphia, US.
- Orlandi A, Candidi M (2022). "Visuospatial complexity in dance aesthetics: the role of computational and subjective features". European Society for Cognitive and Affective Neuroscience (ESCAN), Vienna, Austria.
- 4. Orlandi A, Cross ES, Orgs G (2021). "Timing is everything: Dance aesthetics depend on the complexity of movement kinematics". XXVI Conference of the International Association of Empirical Aesthetics (IAEA), London, UK.
- 5. Orlandi A, Era V, Moreau Q, Di Pace E, Martelli M, Candidi M (2021). "Dispositional traits and contextual information modulate the recognition of interacting bodies". XXVII Congresso Nazionale AIP (Sezione Sperimentale), Lecce, Italy.
- Orlandi A (2019). "Action representation in the human brain: electrophysiological markers and neurofunctional correlates". XXV Congresso Nazionale AIP (Sezione Sperimentale), Milan-San Raffaele, Italy. *Candidate for doctoral thesis prize*.
- Orlandi A, D'Incà S, Arno E, Proverbio AM (2018). "Kinesthetic imagery and action representation: an insight from dance expertise". The 16th European Workshop on Imagery and Cognition (EWIC), Padova, Italy.
- Orlandi A, D'Incà S, Arno E, Proverbio AM (2017). "Expertise-induced neural plasticity: Muscular effort coding in action representation in ballet dancers and naïve". International Symposium on Neurobiology, NeuroMI, Milan, Italy
- Orlandi A, D'Incà S, Arno E, Proverbio AM (2016). "Codifica neuroelettrica dello sforzo muscolare nella rappresentazione dell'azione". XXII Congresso Nazionale AIP, Rome, Italy
- 10. Orlandi A, Calbi M, Proverbio AM (2014). "The neuroscience of dance: Role of expertise in the perception of biological motion". Summer school Università di Milano-Bicocca (Ph.D. program in Experimental psychology, linguistics and cognitive neuroscience), Villa Forno (Cinisello Balsamo), Italy

Posters

- Orlandi A, Soleyman Nejad M, Candidi M (2022). "Objective and subjective features modulate the aesthetic perception of interacting body dyads", FENS Forum (Federation of European Neuroscience Societies), Paris, France.
- Orlandi A, Orgs G, Cross ES (2018). "Aesthetic perception of tempo and time dynamics in dance movements". Visual Neuroaesthetics Symposium (VisNA), Max Planck Institute for Empirical Aesthetics, Frankfurt, Germany
- Orlandi A, Arno E, D'Incà S, Proverbio AM (2017). "Perceiving the exertion: the role of visuomotor expertise". 7th IMPRS NeuroCom Summer School, Max Plank Institute – UCL (University College London), London, England
- Orlandi A, Zani A, Proverbio AM (2016). "Using Repetition Suppression to investigate the visual sensitivity to actions in experts and non-experts". CAOs (Concepts, Actions and Objects) Workshop in Rovereto (TN), Italy
- Orlandi A, Zani A, Proverbio AM (2015). "Dance expertise modulates the visuomotor perception of body motion". European Conference on Visual Perception (ECVP), Liverpool, UK
- 6. Orlandi A, Proverbio AM (2014). "Dance expertise modulates the visuomotor processing of complex body movements". XXII Congresso Nazionale della Società Italiana di Psicofisiologia (SIPF), dalle Neuroscienze di base alla Neuroriabilitazione, Firenze, Italy

## PUBLIC OUTREACH

1. Orlandi A (2022). "La danza in testa", TEDxCremona, Italy.

2. Orlandi A (2017) "Neuroscience meets dance" at Artichoke formazione danza ricerca (dance academy), Milan, Italy.