

Candidatura di Cosimo Urgesi al Consiglio Direttivo della SIPF per il biennio 2023-2025

Care/i colleghe/i,
propongo la mia candidatura a presidente eletto della SIPF in continuità all'impegno profuso negli anni come socio, come vicepresidente e, infine, come organizzatore del congresso annuale 2022. Ho una laurea in Psicologia e un Dottorato di ricerca in Neuroscienze. Mi occupo di percezione sociale, dall'analisi dei processi psicologici e dei meccanismi neurali, all'indagine delle anomalie del neurosviluppo, fino allo studio di strumenti di valutazione e di neuroriabilitazione. L'attenzione congiunta verso la ricerca di base e la ricerca traslazionale, che caratterizza la mia attività scientifica, ha guidato la mia attività all'interno della SIPF, che ho sempre visto e vissuto come luogo di incontro dei diversi sforzi per migliorare la comprensione e il trattamento delle funzioni neurocognitive. Anche grazie all'esperienza acquisita in questi anni, rinnovo il mio impegno per una SIPF che mantenga e rafforzi il suo ruolo, in ambito nazionale e internazionale, di una società scientifica aperta e multidisciplinare, vivace e innovativa, e di alto profilo scientifico e culturale.

Rimango a disposizione di tutte/i per ogni informazione, suggerimento e incoraggiamento.

Con amicizia,
Cosimo Urgesi

Laboratory of Cognitive Neuroscience
Department of Languages and Literatures, Communication, Education and Society
University of Udine
Via Margreth, 3
33100 Udine, Italy
Scientific Institute, IRCCS Eugenio Medea
via Cialdini 29
33037 Piasan di Prato (UD) Italy
Tel/Fax: +39-0432-249889
E-mail: cosimo.urgesi@uniud.it
<https://bodylabudine.uniud.it>

COSIMO URGESI

Laboratory of Cognitive Neuroscience
Department of Languages and Literatures, Communication, Education and Society, University of Udine
Via Margreth, 3 - 33100 Udine (Italy)
Voice/fax: +39-0432-249889
e-mail: cosimo.urgesi@uniud.it
<https://bodylabudine.uniud.it>

Scientific Institute, IRCCS Eugenio Medea
via Cialdini 29
33037 Pasi di Prato (UD) Italy

Researcher unique identifiers: ORCID: 0000-0003-0572-1328; Researcher ID: K-4688-2016; Scopus Author ID: 9742147000

Personal Information:

Date of birth: 07 May 1978
Place of birth: Ceglie Messapica (Brindisi), Italy
Citizenship: Italian

Present Position

Associate Professor in Developmental Psychology, University of Udine, Italy (since 2019)
Director of the Developmental Neuropsychology Laboratory, Scientific Institute, IRCCS E. Medea, Italy (since 2022)

Qualifications

- Italian national scientific habilitation for Full Professorship in General Psychology, Psychobiology and Psychometry (11/E1) - ASN 2016

Membership

Ordinary member (since 2012) and Vice president (2019-2021 & 2021-2023) of the Italian Society of Psychophysiology and Cognitive Neuroscience (SIPF)
Ordinary Member of the Italian Association of Psychology (AIP) – Experimental Psychology (since 2009) and Developmental and Educational Psychology (since 2020) sections.

Research activity

Urgesi's major expertise is in the study of the development and neural bases of body and action representations. His research works integrates cognitive neuroscience protocols to study social perception in children, adolescents, and adults with typical development with the neuropsychological and neurophysiologic evaluation of neurological and neuropsychiatric patients and the implementation and testing of novel neurocognitive rehabilitation tools. He coordinates the Body Lab Udine (BLUE), which hosts a fully-equipped noninvasive brain stimulation laboratory established at the Gervasutta Hospital in Udine, in collaboration with the University of Udine and the Scientific Institute, (IRCCS) E. Medea, a research child hospital specialized for neurodevelopmental disorders.

His research interests include the study of:

- neural bases and development of body representation;
- neural mechanisms involved in action prediction and anticipation;
- neural and cognitive correlates of elite sport performance and sport learning;
- neural bases of aesthetic experience;
- neural bases of spiritual and religious experiences.

Since 2004, he has authored > 110 articles in international, peer-reviewed journals (including multidisciplinary journals). He has also authored the Italian standardization of a neuropsychological test (NEPSY-II), 6 book chapters and 4 lay-people articles in Italian journals. H-index: 41 (Scholar), 36 (Scopus), 35 (WoS); Citazioni: >7834 (Scholar), >5012 (Scopus), > 4657 (WoS). He is first / last / corresponding author in >70% of his publications.

Curriculum studiorum

- October 2006: PhD in Neuroscience at the University of Verona (supervisor: Prof. Giovanni Berlucchi).
- July 2002 - Degree (cum laude) in Psychology – Experimental Psychology at the University of Rome “La Sapienza”.
- 1997: High school diploma in classical studies (60/60). Liceo Classico Vincenzo Lilla – Ceglie Messapica (BR)

Previous positions

- 2009-2021: Senior Researcher in Developmental Neuropsychology, Scientific Institute, IRCCS E. Medea, Italy
- 2014-2016: Marie Curie Senior Research Fellow, School of Psychology, Bangor University, Wales, UK.
- 2008-2019: Assistant Professor (Tenure) in Cognitive Neuroscience, University of Udine, Italy.
- 2007-2008: Post-Doc fellow, Faculty of Educational Sciences, University of Udine. Project: *Plasticity of the neural representation of body image*. Supervisor: Prof. Franco Fabbro.
- 2005-2008: Research Fellowship at the Research Institute IRCCS E. Medea, Polo Friuli Venezia Giulia. Project: *Italian Standardization of the NEPSY-II for the neuropsychological evaluation of children*. Supervisor: Prof. Franco Fabbro.
- 2002-2003: Research Fellowship at the “Associazione per le Neuroscienze G. Moruzzi”, of the Dpt. of Neurological and Vision Sciences, Section of Human Physiology, University of Verona. Project: *Hemispheric Metacontrol and perception of chimeric stimuli in healthy individuals and split-brain patients*. Supervisor: Prof. Salvatore M. Aglioti.

Grants

As PI (national or international coordinator):

- 2023-2026: The Cognitive Neuroscience of religious Cognition, Templeton Foundation under a subcontract with Rehabilitation Institute of Chicago, Shirley Ryan AbilityLab. Searching for the Neural Foundations of Spirituality and Religiosity in the predictive coding of the internal and external world. \$475,783
- 2018-2021: Young Researcher Grant (Ricerca Finalizzata) 2016, Italian Ministry of Health. Neurocognitive underpinnings of social perception abilities in congenital and acquired cerebellar damage. € 407,449.
- 2015-2017: European Commission, H2020-MSCA-IF-2014 NBUCA — “Neural and behavioral underpinnings of contextual modulations in Autism” Proposal ID 656881. Role: Coordinator at University of Udine. Fellow: Lucia Amoroso. €180,277.20
- 2014-2016: European Commission, FP7, Marie Curie Intra-European Fellowships for Career Development (IEF). Spiritual Brains and Embodied Minds: Neural bases of Self-transcendence and Empathy. Role: Fellow at School of Psychology, Bangor University, Wales, UK. Coordinator Paul Downing. €309,235.20.
- 2015-2018: Scientific Institute Eugenio Medea, Current Research Program 2015. Social perception abilities in neurodevelopmental disorders. €110,000.
- 2012-2014: Scientific Institute Eugenio Medea, Current Research Program 2012. Configural and Local Processing of social stimuli: Neural bases, development and early mother-child relationships. €80,000.
- 2011-2012: Consortium of Italian and Argentinian Universities (CUIA). Connectivity between executive and semantic neurocognitive systems in executive dysfunctions. € 32,000.
- 2011-2013: Young Researcher Grant 2008, Italian Ministry of Health. Neurofunctional Alterations of Body representation in Anorexia Nervosa: Neuropsychological Measures and Neurophysiologic Treatments. € 585,000.
- 2011: Scientific Institute Eugenio Medea, Current Research Program 2011. Semantic knowledge for familiar people. Behavioural, neuropsychological and TMS studies. € 25,000
- 2009: Scientific Institute Eugenio Medea, Current Research Program 2009. Motor and somatic components of motor imagery as a rehabilitation tool. Behavioral and TMS studies. € 25,000.

As CO-PI or research unit (RU) coordinator:

- 2023-2026: HORIZON-EIC-2022-PATHFINDEROPEN-01, European Innovation Council and SMEs Executive Agency (EISMEA). Project 101099481 – Relieve: First Closed-loop non-Invasive Seizure Prevention System. Total: € 2,809,260, RU: € 291,750.
- 2023-2026: Bando Ricerca Finalizzata 2021, Italian Ministry of Health. RF-2021-12374279 - SINCRO: Spatiotemporal entrainment as Innovative Neuromodulation targeting Cerebello-cerebral circuits for enhancing Rehabilitation Outcomes of cognitive and social skills in progressive and acquired cerebellar diseases. Total: € 450,000, RU: 67,500.
- 2023-2026: Fondazione Regionale per la Ricerca Biomedica (FRRB) – Regione Lombardia. Project ID 3438840 – BOOST: Bottom-up and tOp-down neuromOdulation of motor plaSTicity in celebral palsy. Total: € 1,236,973.44. RU: € 407,301.6.
- 2019-2021: Italian Ministry of University and Scientific Research, PRIN (Progetti di Ricerca di Interesse Nazionale) Program 2017 #2017N7WCLP. Motor sociality through the lens of error monitoring. Behavioural and neurophysiological studies in

healthy and brain-damaged people. PI: Salvatore M Aglioti, Rome. Total: € 145,600; RU: € 124,600.

2015-2016: Royal Society Research Grants 2015R2. Subject: Behavioral Neuroscience. Paired-pulse TMS investigations of the underlying neural mechanisms. Co-applicant. Applicant: Kenneth Valyear £ 15,000 (topped-up by the Bangor University School of Psychology up to the full cover of a new Magstim Bi-Stim device).

2013-: Italian Ministry of University and Scientific Research, Future in Research Program 2012. Neuropsychological bases of social and emotion perception. Head of RU. National PI: Marco Tamietto, Turin, Italy. Total: € 865,800; RU: € 159,000.

2011-2013: Italian Ministry of University and Scientific Research, PRIN (Progetti di Ricerca di Interesse Nazionale) Program 2009 # 20092009A8FR3Z. Plasticity of anticipatory coding in motor experts and novice players learning to detect bluffs in body actions: Behavioural and Transcranial Magnetic Stimulation studies. PI: Salvatore M Aglioti, Rome. Total: € 237,145; RU: € 70,670.

2010-2013: Project SEED, Italian Institute of Technology (IIT), Genova, Italy. Predictive Action-perception Resonance and Mental Simulation (PARMS). PI: Salvatore M Aglioti, Rome. Total: € 320,000; RU: € 60,000.

2012: 2012 Mind and Life Contemplative Studies Fellowships (MLCSF), Mind & Life Institute (New York, USA). Philosophical and historical accounts for the neuroscientific investigation of human spirituality. PI: Franco Fabbro, Udine. Total: \$ 60,000.

2011-2012: Fundacao BIAL (Portugal), Bursaries for Scientific Research 2010-2011. The Spiritual Brain: neuropsychological and neurophysiologic investigations of Self-transcendence and Spirituality. PI: Salvatore M Aglioti, Rome. Total: € 42,000.

Teaching

2016-present: Developmental Psychology and Psychobiology (8 CFU) Single Cycle Degree Course in Education with Teaching Qualification & Degree in Professional Education, University of Udine.

2016-2021: Developmental Psychopathology (9 CFU), Single Cycle Degree Course in Education with Teaching Qualification, University of Udine.

2010-2014: Lecturer of Developmental Psychology and Psychobiology (8 CFU), Single Cycle Degree Course in Education with Teaching Qualification & Degree in Professional Education, University of Udine.

2006-2010: Acting Lecturer of Developmental Psychology and Social Psychology, Single Cycle Degree Course in Education with Teaching Qualification, University of Udine.

2006-2014: Acting Lecturer of Psychobiology, Degree in Motor Sciences, University of Udine.

2008-2014: Acting Lecturer of Psychobiology, MSc in Sports Sciences, University of Udine.

2006-2014: Acting Lecturer of Neurophysiology, Degree in Physiotherapy, University of Udine.

2008-2012: Acting Lecturer of Psychobiology - Action and Perception Module- for the MSc in Rehabilitation Sciences, University of Trieste, Italy

Supervision

Since 2005, he has been supervisor of > 50 students for the degree thesis in Education Sciences, 6 students for the degree thesis in Motor Sciences, and 2 students for the master degree thesis in Rehabilitation Sciences at the University of Udine. He has been supervisor for the dissertation project of a MSc student in Foundations of Clinical Psychology, a MSc student in Psychology Research, and an intercalating medical student in Neuropsychology at Bangor University School of Psychology (Wales, UK). He has supervised 10 post-doc fellows and 3 PhD student.

Awards and Honours

- SIFP Prize 2019, Italian Society of Psychophysiology and Cognitive Neuroscience
- 2012 Visiting Professor, University of La Rioja, Argentina
- Gold Medal "Mente e Cervello" 2007 and Medal from the President of Italy for his research in neuroscience.
- Publishers Award for your researchers 2008, Italian Association of Psychology, Section of Experimental Psychology.

Editorial Activity:

He is Academic Editor at PlosOne and Brain Sciences, Associate Editor at Frontiers in Cognitive Neuroscience and Aging Neuroscience and member of the editorial board of ISRN Neuroscience. He served as *ad-hoc* referee for several international journals in Psychology and Cognitive Neuroscience as well as multidisciplinary journals. He served as coordinator of the special issue of European Psychologist on Body Image. He serves as grant referee for the French National Research Agency (ANR), the Swiss National Research Foundation and the Research Foundation of Flanders, the Italian Ministry of University and Research and the European research Council.

Scientific conferences

President of the XXX Annual Congress of the Italian Society of Psychophysiology and Cognitive Neuroscience (SIPF), Udine 15-17 September 2022.

Chair of the International Workshop "The Social Cerebellum". Udine, 14 September 2022.

Chair of the international conference on Body representation in Eating Disorders: From bench to bedside. Udine 19-20 April 2013.

Invited talks (selected)

- June 2023: 1st scientific meeting on Psychology, Art, and Neuroaesthetics organised by Associazione Italiana di Psicologia, AIP thematic group on Psychology of Art and Neuroaesthetics, PAN Psychology of Art and neuroaesthetics. Bergamo. Invited talk at the out of lab event "Danza: arte, corpo e cervello". Bergamo, 9 June 2023.
- February 2023: The Social Cerebellum: Brain stimulation and neuropsychological studies. Seminar talk at the Department of Psychology, University La Sapienza of Rome.
- October 2022: XXX National congress of the Italian Myology Association (AIM). Exploring neurocognitive development in paediatric health and disease conditions. Matera, 19-22 October 2022.
- September 2021: La Notte dei Ricercatori 2021, Università degli studi "G. D'Annunzio" di Chieti-Pescara. Seminar talk "Mente, cervello e opere d'arte". Chieti 24 September 2021.
- February 2020 Top-down modulations of motor resonance CNRS, University of Lille, France.
- October 2016: Top-down modulations of motor resonance to social stimuli. Invited talk for the symposium "Emotions and social brain" at the XXIV SIPF (Società Italiana di Psicofisiologia) Meeting, 26-29 October 2016, Milano.
- June 2016: Reshaping the body aesthetics brain: behavioural and transcranial magnetic stimulation studies of body exposure effects in healthy individuals and patients with Anorexia Nervosa. Invited talk for the Symposium "The Neuroaesthetics of People" (Chairs: Beatriz Calvo-Merino, Guido Orgs, Londra) Third ESCAN Conference (European Society of Cognitive and Affective Neuroscience), 23-26 June 2016, Porto, Portugal.
- June 2016: Self Transcendence and its effects on empathy. Invited seminar talk at the Department of Cognitive Neuroscience, University of Leiden, The Netherlands. 8 June 2016.
- June 2016: Spiritual Brain and embodied minds: Neural bases of self-transcendence and its relation with empathy. Invited seminar talk at the Department of Psychology of the Edge Hill University, Liverpool, UK. 01 June 2016.
- May 2016: Transcending the self to understand others: The effects of meditation and spirituality on emotion recognition. Oral presentation at the 10th International Conference of Psychology, ATINER Institute, Athens, (Greece). 23 May 2016.
- December 2015: Reshaping the body aesthetics brain: behavioral and transcranial magnetic stimulation studies of body exposure effects in healthy individuals and patients with Anorexia Nervosa. Psychology Department seminar at City University of London, UK, 2 December 2015.
- July 2015: Self-transcendence, Mindfulness and Yoga. Invited talk at the Mindfulness and the Brain Workshop, Mindfulness in Society Conference, Chester, UK, 3 July 2015.
- February 2015: Perceiving and Appreciating the Beauty of the Body: The Influence of Personality and Perceptual Experience. Seminar talk at the School of Psychological Sciences of the University of Manchester, UK, 25 February 2015.
- November 2014: Does motor resonance require perceptual awareness? Workshop Motor Control & Cognition – A Matter of Constitution? Heinrich-Heine-Universität Düsseldorf, 8 November 2014.
- October 2014: Neural bases of explicit and implicit dimensions of spirituality. Seminar talk at the Department of Psychology, University of Essex, Colchester, 14 October 2014.
- March 2014: "L'insostenibile leggerezza del corpo. La percezione dei cambiamenti corporei tra illusione e realtà." (Perceiving changes in the body: illusion and reality. Informatamente Science festival, University of Verona, 14 March 2014.
- November 2013: Perceiving and Appreciating the Beauty of the Body: The Influence of Personality and Perceptual Experience. Of Pain and Pleasure- Seminar on neuroaesthetics at European center for Living Technologies, Venezia, 23 November 2013.
- September 2013 -Visual and motor components of superior action prediction abilities in sport. Intersubjectivity in Sport seminar- Bielefeld, Germania- 10 September 2013.
- May 2013: Perception and misperception of human body forms and body actions. Master WISDOM, Scuola Superiore Sant'Anna and Lama Tzong Kapha Institute, Pomaia, Pisa, Italy.
- January 2013: Perception and misperception of human body forms and body actions. Symposium at the Ruhr University of Bochum, (Of faces and bodies), Bochum, Germany, 14 January 2013.
- September 2012 - Embodied aesthetics: Visual and sensorimotor components of aesthetic experience. Symposium at the 5th International Conference on Spatial Cognition (Convenor and speaker). Rome, 4-8 September 2012.

- September 2012: Embodied aesthetics, Meeting of the Italian Association of Psychology (AIP), Section of Experimental Psychology, Chieti, September 2012.
- May 2012 – The Italian adaptation of NEPSY-II. Theory, structure and clinical application. Conference talk: Modelli d'intelligenza e strumenti di ultima generazione. Meeting with Alan e Nadeen Kaufman su WISC-IV, KABC-II e NEPSY. Milano, 11 May 2012
- April 2012 – Connectivity between executive and semantic systems. Visiting Professor Lecture at the University of La Rioja, Argentina, 24 April 2012.
- April 2012 - Anticipatory Motor Simulation of Body Actions. Seminar at Institute of Cognitive Neurology (INECO). Buenos Aires, Argentina, 19 April 2012
- November 2011 – Anticipatory simulation of body actions in sport: Psychophysics and TMS studies. Satellite symposium, Annual meeting of the Italian Society of Psychophysiology, Brescia, 14 November 2011.
- October 2010 - Anticipatory Motor Simulation of Body Actions. The Trieste Symposium on Perception and Cognition. 28 October 2010.
- September 2010 - Neuropsychological investigation of spirituality: Selective cortical lesions modulate human self transcendence. Symposium, Second Meeting of the Federation of European Societies of Neuropsychology (FESN), Amsterdam, 22 September 2010.
- June 2010 - Anticipatory Motor Simulation of body actions. Action colloquium. Max Planck Institute for Human Cognitive and Brain Sciences. Leipzig, Germany, 29 June 2010.
- April 2010 – Neuropsychology of SelfTranscendence. Conference "Evoluzione e filosofia della mente. Tra creatività e intelligenza artificiale", International Institute for Humankind Studies, Firenze. """. Brescia 25 April 2010.
- December 2009 – The Body in the Brain: Perception and representation. Conference "Dottore, vorrei un corpo bionico! "Cibernetica e biorobotica." Roma, 02 December 2009.
- June 2009 - Visual and Motor representation of body form and body action perception. *DISCOS Summer School*. Parma, 16 - 19th June 2009.
- May 2009 - Neural Representation of the human body and its forms. Neurophilosophy Seminars. Department of Philosophy, University of Milan, 22th May 2009.
- March 2007 - Neuropsychology of Self Transcendence. *Brain Awareness Week Meeting "Il Cervello Mistico – The Mystic Brain"*. Rome, 13 - 15 March 2007.

Publications in peer reviewed journals

1. Corti C, Oldrati V, Papini M, Strazzer S, Poggi G, Romaniello R, Borgatti R, **Urgesi C**, Bardoni A. Randomized clinical trial on the effects of a computerized cognitive training for pediatric patients with acquired brain injury or congenital malformation. *Sci Rep*. 2023 Sep 4;13(1):14559.
2. Cristiano A, Finisguerra A, **Urgesi C**, Avenanti A, Tidoni E. Functional role of the theory of mind network in integrating mentalistic prior information with action kinematics during action observation. *Cortex*. 2023 Sep;166:107-120. doi: 10.1016/j.cortex.2023.05.009. Epub 2023 Jun 1. PMID: 37354870. Ferguson MA, Schaper FLWVJ, Cohen A, et al. A Neural Circuit for Spirituality and Religiosity Derived From Patients With Brain Lesions. *Biol Psychiatry*. 2022;91(4):380-388. doi:10.1016/j.biopsych.2021.06.016
3. Ferrari E, Butti N, Gagliardi C, Romaniello R, Borgatti R, **Urgesi C**. Cognitive predictors of Social processing in congenital atypical development. *J Autism Dev Disord*. 2023 Sep;53(9):3343-3355. doi: 10.1007/s10803-022-05630-y.
4. Malerba G, Bellazzecca S, **Urgesi C**, Butti N, D'Angelo MG, Diella E, Biffi E. Is Social Training Delivered with a Head-Mounted Display Suitable for Patients with Hereditary Ataxia? *Brain Sci*. 2023 Jun 30;13(7):1017. doi: 10.3390/brainsci13071017.
5. Butti N, Oldrati V, Ferrari E, Romaniello R, Gagliardi C, Borgatti R, **Urgesi C**. New Insights into the Neuropsychological Profile and Intellectual Quotient Variability in Joubert Syndrome Compared to Other Congenital Cerebellar Malformations. *Cerebellum*. 2023 Jun 23. doi: 10.1007/s12311-023-01580-y.
6. Amoruso L, Finisguerra A, **Urgesi C**. "Left and right prefrontal routes to action comprehension". *Cortex*. 2023 Jun;163:1-13. doi: 10.1016/j.cortex.2023.01.015.
7. D'Argenio G, Finisguerra A, **Urgesi C**. Spatial Frequency Tuning of Body Inversion Effects. *Brain Sci*. 2023 Jan 23;13(2):190. doi: 10.3390/brainsci13020190.
8. Corti C, Butti N, Bardoni A, Strazzer S, **Urgesi C**. Body Processing in Children and Adolescents with Traumatic Brain Injury: An Exploratory Study. *Brain Sci*. 2022 Jul 22;12(8):962. doi: 10.3390/brainsci12080962.
9. Bianco V, Finisguerra A, **Urgesi C**. Updating implicit contextual priors with explicit learning for the prediction of social and physical events. *Brain Cogn*. 2022 Jul;160:105876. doi: 10.1016/j.bandc.2022.105876.

10. Butti N, Finisguerra A, **Urgesi** C. Holistic processing of body stimuli: Evidence of body composite illusion in adults and children. *Dev Psychol.* 2022 Jul;58(7):1286-1297. doi: 10.1037/dev0001353.
11. D'Argenio G, Finisguerra A, **Urgesi** C. Experience-dependent reshaping of body gender perception. *Psychol Res.* 2022 Jun;86(4):1184-1202. doi: 10.1007/s00426-021-01569-4.
12. Cazzato V, Vicario CM, **Urgesi** C. 'When hunger makes everything better looking!': The effect of hunger on the aesthetic appreciation of human bodies, faces and objects. *BMC Psychol.* 2022 Apr 11;10(1):98. doi: 10.1186/s40359-022-00807-7.
13. Bellard A, **Urgesi** C, Cazzato V. Self-body recognition and attitudes towards body image in younger and older women. *Arch Womens Ment Health.* 2022;25(1):107-119. doi:10.1007/s00737-021-01164-x
14. **Urgesi** C, Butti N, Finisguerra A, et al. Social prediction in pediatric patients with congenital, non-progressive malformations of the cerebellum: From deficits in predicting movements to rehabilitation in virtual reality. *Cortex.* 2021;144:82-98. doi:10.1016/j.cortex.2021.08.008
15. Cazzato V, Walters ER, **Urgesi** C. Associations of observer's gender, Body Mass Index and internalization of societal beauty ideals to visual body processing. *Psychol Res.* 2021;85(8):3026-3039. doi:10.1007/s00426-020-01471-5
16. Oldrati V, Finisguerra A, Avenanti A, Aglioti SM, **Urgesi** C. Differential Influence of the Dorsal Premotor and Primary Somatosensory Cortex on Corticospinal Excitability during Kinesthetic and Visual Motor Imagery: A Low-Frequency Repetitive Transcranial Magnetic Stimulation Study. *Brain Sci.* 2021;11(9):1196. Published 2021 Sep 10. doi:10.3390/brainsci11091196
17. D'Argenio G, Finisguerra A, **Urgesi** C. Experience-dependent reshaping of body gender perception [published online ahead of print, 2021 Aug 13]. *Psychol Res.* 2021;10.1007/s00426-021-01569-4. doi:10.1007/s00426-021-01569-4
18. D'Argenio G, Finisguerra A, **Urgesi** C. Experience-dependent reshaping of body gender perception [published online ahead of print, 2021 Aug 13]. *Psychol Res.* 2021;10.1007/s00426-021-01569-4. doi:10.1007/s00426-021-01569-4
19. Betti S, Finisguerra A, Amoruso L, **Urgesi** C. Contextual Priors Guide Perception and Motor Responses to Observed Actions [published online ahead of print, 2021 Jul 23]. *Cereb Cortex.* 2021;:bhab241. doi:10.1093/cercor/bhab241
20. Finisguerra A, Ticini LF, Kirsch LP, Cross ES, Kotz SA, **Urgesi** C. Dissociating embodiment and emotional reactivity in motor responses to artworks. *Cognition.* 2021;212:104663. doi:10.1016/j.cognition.2021.104663
21. Oldrati V, Ferrari E, Butti N, et al. How social is the cerebellum? Exploring the effects of cerebellar transcranial direct current stimulation on the prediction of social and physical events. *Brain Struct Funct.* 2021;226(3):671-684. doi:10.1007/s00429-020-02198-0
22. Invitto S, Romano D, Garbarini F, et al. Major Stress-Related Symptoms During the Lockdown: A Study by the Italian Society of Psychophysiology and Cognitive Neuroscience [published correction appears in Front Public Health. 2021 Jun 11;9:711132]. *Front Public Health.* 2021;9:636089. Published 2021 Mar 26. doi:10.3389/fpubh.2021.636089
23. Butti N, Corti C, Finisguerra A, et al. Cerebellar Damage Affects Contextual Priors for Action Prediction in Patients with Childhood Brain Tumor. *Cerebellum.* 2020;19(6):799-811. doi:10.1007/s12311-020-01168-w
24. Butti N, Montiroso R, Giusti L, Borgatti R, **Urgesi** C. Premature birth affects visual body representation and body schema in preterm children. *Brain Cogn.* 2020;145:105612. doi:10.1016/j.bandc.2020.105612
25. Bianco V, Finisguerra A, Betti S, D'Argenio G, **Urgesi** C. Autistic Traits Differently Account for Context-Based Predictions of Physical and Social Events. *Brain Sci.* 2020;10(7):418. Published 2020 Jul 1. doi:10.3390/brainsci10070418
26. Amoruso L, Finisguerra A, **Urgesi** C. Spatial frequency tuning of motor responses reveals differential contribution of dorsal and ventral systems to action comprehension. *Proc Natl Acad Sci U S A.* 2020;117(23):13151-13161. doi:10.1073/pnas.1921512117
27. D'Argenio G, Finisguerra A, **Urgesi** C. Motion and Gender-Typing Features Interact in the Perception of Human Bodies. *Front Neurosci.* 2020;14:277. Published 2020 Apr 21. doi:10.3389/fnins.2020.00277
28. Oldrati V, Corti C, Poggi G, Borgatti R, **Urgesi** C, Bardoni A. Effectiveness of Computerized Cognitive Training Programs (CCTP) with Game-like Features in Children with or without Neuropsychological Disorders: a Meta-Analytic Investigation. *Neuropsychol Rev.* 2020;30(1):126-141. doi:10.1007/s11065-020-09429-5
29. Corti C, **Urgesi** C, Massimino M, Gandola L, Bardoni A, Poggi G. Effects of supratentorial and infratentorial tumor location on cognitive functioning of children with brain tumor. *Childs Nerv Syst.* 2020;36(3):513-524. doi:10.1007/s00381-019-04434-3
30. **Urgesi** C, Alaerts K, Craighero L. Editorial: How Do Motivational States Influence Motor Resonance?. *Front Hum Neurosci.* 2020;14:27. Published 2020 Feb 14. doi:10.3389/fnhum.2020.00027

31. Corti C, **Urgesi** C, Poggi G, Strazzer S, Borgatti R, Bardoni A. Home-based cognitive training in pediatric patients with acquired brain injury: preliminary results on efficacy of a randomized clinical trial. *Sci Rep.* 2020;10(1):1391. Published 2020 Jan 29. doi:10.1038/s41598-020-57952-5
32. Oldrati V, Bardoni A, Poggi G, **Urgesi** C. Influence of Attention Control on Implicit and Explicit Emotion Processing of Face and Body: Evidence From Flanker and Same-or-Different Paradigms. *Front Psychol.* 2020;10:2971. Published 2020 Jan 21. doi:10.3389/fpsyg.2019.02971
33. Butti N, Biffi E, Genova C, et al. Virtual Reality Social Prediction Improvement and Rehabilitation Intensive Training (VR-SPIRIT) for paediatric patients with congenital cerebellar diseases: study protocol of a randomised controlled trial. *Trials.* 2020;21(1):82. Published 2020 Jan 14. doi:10.1186/s13063-019-4001-4
34. Ferrari C, Ciricugno A, **Urgesi** C, Cattaneo Z. Cerebellar contribution to emotional body language perception: a TMS study [published online ahead of print, 2019 Oct 7]. *Soc Cogn Affect Neurosci.* 2019;nsz074. doi:10.1093/scan/nsz074
35. Amoruso L, Narzisi A, Pinzino M, Finisguerra A, Billeci L, Calderoni S, Fabbro F, Muratori F, Volzone A, **Urgesi** C. 2019. Contextual priors do not modulate action prediction in children with autism. *Proc Biol Sci.* 286(1908):20191319. doi: 10.1098/rspb.2019.1319.
36. Butti N, Montiroso R, Giusti L, Piccinini L, Borgatti R, **Urgesi** C. 2019. Early Brain Damage Affects Body Schema and Person Perception Abilities in Children and Adolescents with Spastic Diplegia, *Neural Plasticity.* 2019:1678984. <https://doi.org/10.1155/2019/1678984>.
37. Venchiarutti M, Vergine M, Zilli T, Sommariva G, Gortan AJ, Crescentini C, **Urgesi** C, Fabbro F, Cogo P. 2019. Neuropsychological Impairment in Children With Class 1 Congenital Heart Disease. *Percept Mot Skills.* 14:31512519856766. doi: 10.1177/0031512519856766.
38. Corti C, Oldrati V, Oprandi MC, et al. Remote Technology-Based Training Programs for Children with Acquired Brain Injury: A Systematic Review and a Meta-Analytic Exploration. *Behav Neurol.* 2019;2019:1346987. Published 2019 Aug 1. doi:10.1155/2019/1346987
39. Finisguerra A, Crescentini C, **Urgesi** C. 2019. Transcutaneous Vagus Nerve Stimulation Affects Implicit Spiritual Self-Representations. *Neuroscience.* 412:144-159. doi: 10.1016/j.neuroscience.2019.05.059.
40. Finisguerra A, Borgatti R, **Urgesi** C. 2019. Non-invasive Brain Stimulation for the Rehabilitation of Children and Adolescents With Neurodevelopmental Disorders: A Systematic Review. *Front Psychol.* 10:135. doi: 10.3389/fpsyg.2019.00135.
41. Vicario CM, Kuran KA, **Urgesi** C. 2019. Does hunger sharpen senses? A psychophysics investigation on the effects of appetite in the timing of reinforcement-oriented actions. *Psychol Res.* 83(3):395-405. doi: 10.1007/s00426-017-0934-y.
42. Amoruso L, Finisguerra A, **Urgesi** C 2018. Autistic traits predict poor integration between top-down contextual expectations and movement kinematics during action observation. *Sci Rep.* 8(1):16208. doi: 10.1038/s41598-018-33827-8
43. Corti C, Poggi G, Massimino M, Bardoni A, Borgatti R, **Urgesi** C. 2018. Visual perception and spatial transformation of the body in children and adolescents with brain tumor. *Neuropsychologia.* 120:124-136. doi: 10.1016/j.neuropsychologia.2018.10.012
44. Butti N, Montiroso R, Borgatti R, **Urgesi** C. 2018. Maternal sensitivity is associated with configural processing of infant's cues in preterm and full-term mothers. *Early Hum Dev.* 125:35-45. doi: 10.1016/j.earlhumdev.2018.08.018.
45. Corti C, Poggi G, Romaniello R, Strazzer S, **Urgesi** C, Borgatti R, Bardoni A. 2018. Feasibility of a home-based computerized cognitive training for pediatric patients with congenital or acquired brain damage: An explorative study. *PLoS One.* 13(6):e0199001. doi: 10.1371/journal.pone.0199001. eCollection 2018.
46. Amoruso L, Finisguerra A, **Urgesi** C. 2018. Contextualizing action observation in the predictive brain: Causal contributions of prefrontal and middle temporal areas. *Neuroimage.* 177:68-78. doi: 10.1016/j.neuroimage.2018.05.020.
47. Finisguerra A, Amoruso L, Makris S, **Urgesi** C. 2018. Dissociated Representations of Deceptive Intentions and Kinematic Adaptations in the Observer's Motor System. *Cereb. Cortex.* 28(1):33-47. doi: 10.1093/cercor/bhw346.
48. Ticini LF, **Urgesi** C, Kotz SA. 2017. Modulating Mimetic Preference with Theta Burst Stimulation of the Inferior Parietal Cortex. *Front Psychol.* 8:2101. doi: 10.3389/fpsyg.2017.02101.
49. Cazzato V, Makris S, **Urgesi** C. 2017. Cathodal transcranial direct current stimulation of the extrastriate visual cortex modulates implicit anti-fat bias in male, but not female, participants. *Neuroscience.* 359:92-104.
50. Rosenqvist J, Lahti-Nuutila P, **Urgesi** C, Holdnack J, Kemp SL, Laasonen M. 2017. Neurocognitive Functions in 3- to 15-Year-Old Children: An International Comparison. *J Int Neuropsychol Soc.* 23(4):367-380. doi: 10.1017/S1355617716001193.

51. Di Lieto MC, Brovedani P, Pecini C, Chilosi AM, Belmonti V, Fabbro F, **Urgesi** C, Fiori S, Guzzetta A, Perazza S, Sicola E, Cioni G. 2017. Spastic diplegia in preterm-born children: Executive function impairment and neuroanatomical correlates. *Res Dev Disabil.* 61:116-126. doi: 10.1016/j.ridd.2016.12.006.
52. Vicario CM, Makris S, **Urgesi** C. 2017. Do experts see it in slow motion? Altered timing of action simulation uncovers domain-specific perceptual processing in expert athletes. *Psychol Res.* 81(6):1201-1212. doi: 10.1007/s00426-016-0804-z.
53. Amoruso L, Finisguerra A, **Urgesi** C. 2016. Tracking the Time Course of Top-Down Contextual Effects on Motor Responses during Action Comprehension. *J Neurosci.* 36(46):11590-11600.
54. Mele S, Cazzato V, Di Taranto F, Maestro S, Fabbro F, Muratori F, **Urgesi** C. 2016. Altered exposure-related reshaping of body appreciation in adolescent patients with anorexia nervosa. *Body Image.* 19:113-121. doi: 10.1016/j.bodyim.2016.08.014
55. Cazzato V, Mele S, **Urgesi** C. 2016. Different contributions of visual and motor brain areas during liking judgments of same- and different-gender bodies. *Brain Res.* 1646:98-108. doi: 10.1016/j.brainres.2016.05.047.
56. **Urgesi** C, Mattiassi AD, Buiatti T, Marini A., 2016. Tell it to a child! A brain stimulation study of the role of left inferior frontal gyrus in emotion regulation during storytelling. *Neuroimage.* 136:26-36. doi: 10.1016/j.neuroimage.2016.05.039.
57. Amoruso L, **Urgesi** C. 2016. Contextual modulation of motor resonance during the observation of everyday actions. *Neuroimage.* 134:74-84. doi: 10.1016/j.neuroimage.2016.03.060.
58. Amoruso L, **Urgesi** C. 2016. Familiarity modulates motor activation while observing other species' actions: A magnetic stimulation study. *Eur J Neurosci.* 43(6):765-72. doi: 10.1111/ejn.13154.
59. Kirsch LP, **Urgesi** C, Cross ES. 2016. The shaping and reshaping of the aesthetic brain: Emerging perspectives on the neurobiology of embodied aesthetics. *Neurosci Biobehav Rev.* 62:56-68. doi: 10.1016/j.neubiorev.2015.12.005.
60. Cazzato V, Mian E, Mele S, Tognana G, Todisco P, **Urgesi** C. 2016. The effects of body exposure on self-body image and esthetic appreciation in anorexia nervosa. *Exp Brain Res.* 234(3):695-709. doi: 10.1007/s00221-015-4498-z.
61. Montirosso, R., Casini, E., Borgatti, R., **Urgesi**, C., 2016. Relationship Between Maternal Sensitivity During Early Interaction and Maternal Ability in Perceiving Infants' Body and Face. *Infancy* 21, 582-602.
62. Pezzetta R, Crescentini C, **Urgesi** C, Fabbro F. 2015. Contributi delle Neuroscienze allo studio della meditazione e della spiritualità. *Giornale Italiano di Psicologia.* a. XLII, n. 4, 679-710.
63. Zilli T, Zanini S, Conte S, Borgatti R, **Urgesi** C. 2015. Neuropsychological assessment of children with epilepsy and average intelligence using NEPSY II. *J Clin Exp Neuropsychol.* 37(10):1036-51. doi: 10.1080/13803395.2015.1076380.
64. **Urgesi** C. 2015. Multiple Perspectives on Body Image Research. *Body Image.* 20 (1) 1-5.
65. Crescentini C, Di Bucchianico M, Fabbro F, **Urgesi** C. 2015. Excitatory stimulation of the right inferior parietal cortex lessens implicit religiousness/spirituality. *Neuropsychologia.* 70:71-9. doi: 10.1016/j.neuropsychologia.2015.02.016.
66. Makris S, **Urgesi** C. 2015. Neural underpinnings of superior action prediction abilities in soccer players. *Soc Cogn Affect Neurosci.* 10(3):342-51. doi: 10.1093/scan/nsu052.
67. Cazzato V, Mian E, Serino A, Mele S, **Urgesi** C. 2015. Distinct contributions of extrastriate body area and temporoparietal junction in perceiving one's own and others' body. *Cogn Affect Behav Neurosci.* 15(1):211-28. doi: 10.3758/s13415-014-0312-9.
68. Crescentini C, **Urgesi** C, Campanella F, Eleopra R, Fabbro F. 2014. Effects of an 8-week meditation program on the implicit and explicit attitudes toward religious/spiritual self-representations. *Conscious Cogn.* 30:266-80. doi: 10.1016/j.concog.2014.09.013.
69. Crescentini C, **Urgesi** C, Fabbro F, Eleopra R. 2014. Cognitive and brain reserve for mind-body therapeutic approaches in multiple sclerosis: A review. *Restor Neurol Neurosci.* 32(5):575-95. doi: 10.3233/RNN-130364.
70. **Urgesi** C, Candidi M, Avenanti A. 2014. Neuroanatomical substrates of action perception and understanding: an anatomic likelihood estimation meta-analysis of lesion-symptom mapping studies in brain injured patients. *Front Hum Neurosci.* 8:344. doi: 10.3389/fnhum.2014.00344.
71. Mele S, Mattiassi AD, **Urgesi** C. 2014. Unconscious Processing of Body Actions Primes Subsequent Action Perception but Not Motor Execution. *J Exp Psychol Hum Percept Perform.* 40(5):1940-62. doi: 10.1037/a0036215.
72. Campanella F, Crescentini C, **Urgesi** C, Fabbro F. 2014. Mindfulness-oriented meditation improves self-related character scales in healthy individuals. *Compr Psychiatry.* 55(5):1269-78. doi: 10.1016/j.comppsy.2014.03.009.
73. Mattiassi AD, Mele S, Ticini LF, **Urgesi** C. 2014. Conscious and Unconscious Representations of Observed Actions in the Human Motor System. *J Cogn Neurosci.* 26(9):2028-41. doi: 10.1162/jocn_a_00619.
74. Crescentini C, Aglioti SM, Fabbro F, **Urgesi** C. 2014. Virtual lesions of the inferior parietal cortex induce fast changes of implicit religiousness/spirituality. *Cortex.* 54:1-15. doi: 10.1016/j.cortex.2014.01.023.

75. Cazzato V, Mele S, **Urgesi** C. 2014. Gender differences in the neural underpinning of perceiving and appreciating the beauty of the body. *Behav Brain Res.* 264C:188-196. doi: 10.1016/j.bbr.2014.02.001.
76. Mele S, Cazzato V, **Urgesi** C. 2013. The importance of perceptual experience in the esthetic appreciation of the body. *PLoS One.* 8(12):e81378. doi: 10.1371/journal.pone.0081378.
77. **Urgesi** C, Fornasari L, Canalaz F, Perini L, Cremaschi S, Faleschini L, Thyrión EZ, Zuliani M, Balestrieri M, Fabbro F, Brambilla P. 2014. Impaired configural body processing in anorexia nervosa: Evidence from the body inversion effect. *Br J Psychol.* 105(4):486-508. doi: 10.1111/bjop.12057.
78. Crescentini C, Fabbro F, **Urgesi** C. 2014. Mental Spatial Transformations of Objects and Bodies: Different Developmental Trajectories in Children From 7 to 11 Years of Age. *Dev Psychol.* 50(2):370-83. doi: 10.1037/a0033627.
79. Campanella F, Fabbro F, **Urgesi** C. 2013. Cognitive and anatomical underpinnings of the conceptual knowledge for common objects and familiar people: a repetitive transcranial magnetic stimulation study. *PLoS One.* 8(5):e64596. doi: 10.1371/journal.pone.0064596.
80. Avenanti A, Candidi M, **Urgesi** C. 2013. Vicarious motor activation during action perception: beyond correlational evidence. *Front Hum Neurosci.* 7:185. doi: 10.3389/fnhum.2013.00185.
81. Avenanti A, Annella L, Candidi M, **Urgesi** C, Aglioti SM. 2013. Compensatory Plasticity in the Action Observation Network: Virtual Lesions of STS Enhance Anticipatory Simulation of Seen Actions. *Cereb Cortex.* 23:570-80. doi: 10.1093/cercor/bhs040.
82. Calderoni S, Muratori F, Leggero C, Narzisi A, Apicella F, Balottin U, Carigi T, Maestro S, Fabbro F, **Urgesi** C. 2013. Neuropsychological functioning in children and adolescents with restrictive-type anorexia nervosa: An in-depth investigation with NEPSY-II. *J Clin Exp Neuropsychol.* 35:167-79. doi: 10.1080/13803395.2012.760536.
83. Tomeo E, Cesari P, Aglioti SM, **Urgesi** C. 2013. Fooling the Kickers but not the Goalkeepers: Behavioral and Neurophysiological Correlates of Fake Action Detection in Soccer. *Cereb Cortex.* 23(11):2765-78. doi: 10.1093/cercor/bhs279.
84. Narzisi A, Muratori F, Calderoni S, Fabbro F, **Urgesi** C. 2012. Neuropsychological Profile in High Functioning Autism Spectrum Disorders. *J Autism Dev Disord.* 43(8):1895-909. doi: 10.1007/s10803-012-1736-0.
85. Marini A, **Urgesi** C. 2012. Please get to the point! A cortical correlate of linguistic informativeness. *J Cogn Neurosci.* 24:2211-22.
86. Abreu AM, Macaluso E, Azevedo RT, Cesari P, **Urgesi** C, Aglioti SM. 2012. Action anticipation beyond the action observation network: a functional magnetic resonance imaging study in expert basketball players. *Eur J Neurosci.* 35:1646-54. doi: 10.1111/j.1460-9568.2012.08104.x.
87. Cazzato V, Siega S, **Urgesi** C. 2012. "What women like": influence of motion and form on esthetic body perception. *Front Psychol.* 3:235. doi: 10.3389/fpsyg.2012.00235.
88. Moro V, Pernigo S, Avesani R, Bulgarelli C, **Urgesi** C, Candidi M, Aglioti SM. 2012. Visual body recognition in a prosopagnosic patient. *Neuropsychologia.* 50:104-17. doi: 10.1016/j.neuropsychologia.2011.11.004.
89. Olivieri I, Bova SM, **Urgesi** C, Ariaudo G, Perotto E, Fazzi E, Stronati M, Fabbro F, Balottin U, Orcesi S. 2012. Outcome of extremely low birth weight infants: what's new in the third millennium? Neuropsychological profiles at four years. *Early Hum Dev.* 88:241-50. doi: 10.1016/j.earlhumdev.2011.08.012.
90. Pernigo S, Moro V, Avesani R, Miatello C, **Urgesi** C, Aglioti SM. 2012. Massive somatic deafferentation and motor deafferentation of the lower part of the body impair its visual recognition: a psychophysical study of patients with spinal cord injury. *Eur J Neurosci.* 36:3509-18. doi: 10.1111/j.1460-9568.2012.08266.x.
91. **Urgesi** C, Romanò M, Fornasari L, Brambilla P, Fabbro F. 2012. Investigating the development of temperament and character in school-aged children using a self-report measure. *Compr Psychiatry.* 53:875-83. doi: 10.1016/j.comppsy.2012.01.006.
92. **Urgesi** C, Fornasari L, Perini L, Canalaz F, Cremaschi S, Faleschini L, Balestrieri M, Fabbro F, Aglioti SM, Brambilla P. 2012. Visual body perception in anorexia nervosa. *Int J Eat Disord.* 45:501-11. doi: 10.1002/eat.20982.
93. **Urgesi** C, Savonitto M, Fabbro F, Aglioti S. 2012. Long-and short-term plastic modeling of action prediction abilities in volleyball. *Psychol Res.* 76:540-62. doi: 10.1007/s00426-011-0383-y.
94. **Urgesi** C, Avenanti A (2011). Functional and epiphenomenal modulation of neural activity in body-selective visual areas. *Cogn Neurosci.* 2(3-4): 212-4. doi: 10.1080/17588928.2011.604725.
95. Avenanti A, **Urgesi** C. 2011. Understanding "what" others do: mirror mechanisms play a crucial role in action perception. *Soc Cogn Affect Neurosci.* 6:257-9. doi: 10.1093/scan/nsr004.
96. Costantini M, **Urgesi** C, Galati G, Romani GL, Aglioti SM. 2011. Haptic perception and body representation in lateral and medial occipito-temporal cortices. *Neuropsychologia.* 49:821-9. doi: 10.1016/j.neuropsychologia.2011.01.034.

97. **Urgesi C**, Fornasari L, De Faccio S, Perini L, Mattiussi E, Ciano R, Balestrieri M, Fabbro F, Brambilla P. 2011. Body schema and self-representation in patients with bulimia nervosa. *Int J Eat Disord.* 44:238-48. doi: 10.1002/eat.20816.
98. **Urgesi C**, Aglioti SM, Skrap M, Fabbro F. 2010. The spiritual brain: selective cortical lesions modulate human self-transcendence. *Neuron.* 65:309-19. doi: 10.1016/j.neuron.2010.01.026.
99. Calvo-Merino B, **Urgesi C**, Orgs G, Aglioti SM, Haggard P. 2010. Extrastriate body area underlies aesthetic evaluation of body stimuli. *Exp Brain Res.* 204:447-56. doi: 10.1007/s00221-010-2283-6.
100. Optale G, **Urgesi C**, Busato V, Marin S, Piron L, Priftis K, Gamberini L, Capodiec S, Bordin A. 2010. Controlling memory impairment in elderly adults using virtual reality memory training: a randomized controlled pilot study. *Neurorehabil Neural Repair.* 24:348-57. doi: 10.1177/1545968309353328.
101. **Urgesi C**, Maieron M, Avenanti A, Tidoni E, Fabbro F, Aglioti SM. 2010. Simulating the future of actions in the human corticospinal system. *Cereb Cortex.* 20:2511-21. doi: 10.1093/cercor/bhp292.
102. Aglioti SM, Cesari P, Romani M, **Urgesi C**. 2008. Action anticipation and motor resonance in elite basketball players. *Nat Neurosci.* 11:1109-16.
103. Candidi M, **Urgesi C**, Ionta S, Aglioti SM. 2008. Virtual lesion of ventral premotor cortex impairs visual perception of biomechanically possible but not impossible actions. *Soc Neurosci.* 3:388-400. doi: 10.1080/17470910701676269.
104. Moro V, Pernigo S, **Urgesi C**, Zapparoli P, Aglioti SM. 2008. Finger recognition and gesture imitation in Gerstmann's syndrome. *Neurocase.* 15:13-23. doi: 10.1080/13554790802570464.
105. Moro V, **Urgesi C**, Pernigo S, Lanteri P, Pazzaglia M, Aglioti SM. 2008. The neural basis of body form and body action agnosia. *Neuron.* 60:235-46. doi: 10.1016/j.neuron.2008.09.022.
106. **Urgesi C**, Calvo-Merino B, Haggard P, Aglioti SM. 2007. Transcranial magnetic stimulation reveals two cortical pathways for visual body processing. *J Neurosci.* 27:8023-30.
107. **Urgesi C**, Candidi M, Ionta S, Aglioti SM. 2007. Representation of body identity and body actions in extrastriate body area and ventral premotor cortex. *Nat Neurosci.* 10:30-31.
108. Fourkas AD, Avenanti A, **Urgesi C**, Aglioti SM. 2006. Corticospinal facilitation during first and third person imagery. *Exp Brain Res.* 168:143-51.
109. **Urgesi C**, Candidi M, Fabbro F, Romani M, Aglioti SM. 2006. Motor facilitation during action observation: topographic mapping of the target muscle and influence of the onlooker's posture. *Eur J Neurosci.* 23:2522-30. Cit.: 50
110. **Urgesi C**, Moro V, Candidi M, Aglioti SM. 2006. Mapping implied body actions in the human motor system. *J Neurosci.* 26:7942-9.
111. Romani M, Cesari P, **Urgesi C**, Facchini S, Aglioti SM. 2005. Motor facilitation of the human cortico-spinal system during observation of bio-mechanically impossible movements. *Neuroimage.* 26:755-63.
112. **Urgesi C**, Bricolo E, Aglioti SM. 2005. Hemispheric metacontrol and cerebral dominance in healthy individuals investigated by means of chimeric faces. *Cogn Brain Res.* 24:513-25.
113. **Urgesi C**, Berlucchi G, Aglioti SM. 2004. Magnetic stimulation of extrastriate body area impairs visual processing of nonfacial body parts. *Curr Biol.* 14:2130-34.

Book chapters

- D'Argenio, G., **Urgesi, C.** (2019). Disturbi alimentari e neuroscienze: La rappresentazione del corpo. In G.F. Spitoni & M Aragona (Eds) *Manuale dei disturbi alimentari*. Carocci, Roma.
- Cesari P., & **Urgesi, C.** (2018). The Neural Pathway of Sport Actions From Seeing and Hearing to Doing: Perception-Action Relationships. In R. Carlstedt (Ed), *Handbook of Sport Neuroscience and Psychophysiology*. Routledge, New York. ISBN: 9781317528739.
- Makris, S., & **Urgesi, C.** (2014). Sport performance: mental imagery and observational learning in sport. In Obhi, S.D. & Cross, E.S. (Eds.), *Shared representations: Sensorimotor foundations of social life*. Cambridge University Press.
- Ticini LF, **Urgesi C**, Calvo-Merino B (2015) Embodied aesthetics: insight from cognitive neuroscience of the performing arts. In A. Scarinzi (Ed): *Aesthetics and the embodied Mind: beyond art theory and the Cartesian mind-body dichotomy*. Contributions to Phenomenology, Vol. 73, Springer Science+Business Media, Dordrecht (ISBN 978-94-017-9378-0).
- Marini, A., **Urgesi, C.** and Fabbro, F. *Clinical Neurolinguistics of Bilingualism*. (2012). In Faust, M. (Ed.) *The Handbook of Neuropsychology of Language*. Blackwell Publishing Group
- **Urgesi C.**, Fabbro F. (2009). *The Neuropsychology of Second Language Acquisition*. In (Ed. W.C. Ritchie and T.K. Bhatia) *New Handbook of Second Language Acquisition*. Bingley, UK, Emerald.
- **Urgesi C.** (2012). Il corpo nel cervello: tra percezione e rappresentazione. In (Ed. Luca Marini, Andrea Carlino). *Il corpo post-umano*. Scienze, diritto, società. Roma, Italy, Carocci.