

GIULIA GALLI

Curriculum Vitae

Contact Information

Department of Psychology
Faculty of Business and Social Sciences
Kingston University
Penrhyn Road
KT1 2EE Kingston Upon Thames

Education

2007	PhD in Psychology and Cognitive Sciences Università degli Studi di Firenze, Italy
2001	Laurea in Psicologia Clinica (five-year combined BSc and MSc in Clinical Psychology) Università degli Studi di Roma “La Sapienza”, Italy

Academic positions

2021-	Associate Professor. Department of Psychology, Kingston University
2015-2021	Senior Lecturer. Department of Psychology, Kingston University
2014-2015	Lecturer. Department of Psychology, Kingston University
2012-2014	Research Fellow. Department of Neuroscience, University Hospital Siena, Italy
2008-2012	Research Associate. Institute of Cognitive Neuroscience, University College London

Grants, awards and scholarships

2021	Kingston University Senior Researcher grant (£5,876)
2020	Visiting Professorship Award. Scuola IMT Alti Studi Lucca, Italy (€ 5,000)
2019	Visiting Professorship Award. Università degli Studi di Roma “La Sapienza”, Italy (€ 9,000)
2017-2019	British Academy Small Research Grant (£6,515; PI)
2016-2017	Kingston University Early Career Researcher Award (£5,547)
2011-2014	Italian Ministry of Health Research Grant (€ 394.000; Co-PI)
2004-2007	PhD scholarship. Università degli Studi di Firenze, Italy

Active research interests

- Temporal dynamics of long-term memory formation
- Effects of non-invasive brain stimulation on memory functions
- Assessment of social preferences and attitudes using electrical brain activity

Publications

Peer-Reviewed Publications (* corresponding author)

1. Zaninotto F, Bossi F, Terry P, Riccaboni M, Galli G (2022). The evolution of psychological and behavioural consequences of self-isolation during lockdown: a longitudinal study across UK and Italy. *Frontiers in Psychiatry*, in press.

2. **Galli G***, Pellicciari MC, Miniussi C (2022). Transcranial electric stimulation as a neural interface to gain insight on human brain functions: Current knowledge and future perspective. *Social, Cognitive and Affective Neuroscience* 17, 4-14.
3. Medvedeva A, Petrovskaya A, **Galli G**, Medvedev O (2022). A Novel Application of Generalizability Theory to Evaluate the Reliability of the Recognition Memory Test. *Current Psychology*, in press.
4. **Galli G***, Angelucci D, Bode S, De Giorgi C, De Sio L, Paparo A, Di Lorenzo G, Betti V. (2021). Early EEG responses to pre-electoral survey items reflect political attitudes and predict voting behaviour. *Scientific Reports* 11:18692.
5. Allegrretta A, Pyke W, **Galli G*** (2021). Age differences in the temporal dynamics of emotional processing: ERP evidence. *Experimental Brain Research* 239, 1261-1271.
6. Medvedeva A, Saw R, Sirota M, Fuggetta G, **Galli G*** (2021). Offset-related brain activity in the ventrolateral prefrontal cortex promotes long-term memory formation of verbal events. *Brain Stimulation* 14, 564-570.
7. Pozdniakov I, Vorobiova A, **Galli G**, Rossi S, Feurra M (2021). Transcranial alternating current stimulation of the primary motor cortex: offline vs online effects. *Scientific Reports* 11, 3854.
8. Petrovskaya A, Kirillov B, Osmolova A, **Galli G**, Feurra M, Medvedeva A (2020). Examining the effects of transcranial direct current stimulation on human episodic memory with machine learning, *PLoS ONE* 15(12): e0235179.
9. **Galli G***, Vadillo M, Sirota M, Feurra M, Medvedeva A (2019). A Systematic Review and Meta-Analysis of the Effects of transcranial Direct Current Stimulation (tDCS) on Episodic Memory. *Brain Stimulation* 12, 231-241.
10. Medvedeva A, Materassi M, Neacsu V, Khan N, Bresford-Webb J, Husin A, Newton F, **Galli G*** (2019). Effects of anodal transcranial direct current stimulation over the ventrolateral prefrontal cortex on episodic memory formation and retrieval. *Cerebral Cortex* 29, 657-665.
11. **Galli G***, Sirota M, Gruber M, Ivanof BE, Ganesh J, Materassi M, Thorpe A, Loaiza V, Cappelletti M, Craik FIM (2018). Learning facts during ageing: the benefits of curiosity. *Experimental Aging Research* 44, 311-328.
12. Xia G, **Galli G**, Otten, LJ (2018). Brain state before a memory probe affects associative retrieval in older adults. *Neurobiology of Aging* 68, 93-101.
13. **Galli G***, Sirota M, Materassi M, Zaninotto F, Therry P (2017). Brain indices of disagreement with one's social values predict EU referendum voting behaviour. *Social, Cognitive, and Affective Neuroscience* 12, 1758-1765.
14. **Galli G***, Feurra M, Pavone EF, Sirota M, Rossi S (2017). Dynamic changes in prefrontal cortex involvement during verbal episodic memory formation. *Biological Psychology* 125, 36-44.
15. **Galli G***, Santarnecchi E, Feurra M, Bonifazi M, Rossi S, Paulus MP, Rossi A (2016) Individual and sex-related differences in pain and relief responsiveness are associated with differences in resting-state functional networks in healthy volunteers. *European Journal of Neuroscience* 43, 486-493.

16. Feurra M, **Galli G**, Pavone EF, Rossi S (2016). Frequency-specific insight into short-term memory capacity. *Journal of Neurophysiology* 116, 153-158.
17. Frank SL, **Galli G**, Otten LJ, Vigliocco G (2015). The ERP response to the amount of information conveyed by words in sentences. *Brain and Language* 140, 1-11.
18. **Galli G*** (2014) What makes deeply encoded items more memorable? Insights into the levels of processing framework from neuroimaging and neuromodulation. *Frontiers in Psychiatry*, doi: 10.3389/fpsyt.2014.00061.
19. **Galli G***, Griffiths V, Otten LJ (2014). Emotion regulation modulates anticipatory brain activity that predicts emotional memory encoding in women. *Social Cognitive and Affective Neuroscience* 9, 378-384.
20. Cioncoloni D, **Galli G**, Feurra M, Giovannelli F, Santarnecchi E, Rossi S, Rossi A (2014). Differential effects of acute cortisol administration on deep and shallow episodic memory traces: A study on healthy males. *Neurobiology of Learning and Memory*, 114, 186-192.
21. Santarnecchi E, **Galli G**, Polizzotto NR, Rossi S, Rossi A (2014). Efficiency of weak brain connections supports general cognitive functioning. *Human Brain Mapping* 35, 4566-4582.
22. **Galli G**, Shukla A, Simmons AN, Davenport PW, Paulus MP (2013). Sex differences in the neural processing of aversive interoceptive events: the benefit of relief. *PLOS ONE*, doi: 10.1371/journal.pone.0084044.
23. **Galli G**, Gebert D, Otten LJ (2013). Attentional resources modulate prestimulus brain activity related to memory encoding. *Cortex*, 49, 2239-2248.
24. Santarnecchi E, Feurra M, **Galli G**, Rossi A, Rossi S (2013). Overclock your brain for gaming? Ethical, social and health care risks. *Brain Stimulation*, 6, 713-714.
25. Feurra, M, **Galli G**, Rossi S (2012). Transcranial alternating current stimulation affects decision making. *Frontiers in Systems Neuroscience*, doi:10.3389/fnsys.2012.00039.
26. **Galli G***, Choy TL, Otten LJ (2012). Prestimulus brain activity predicts primacy in list learning. *Cognitive Neuroscience*, 3, 160-167.
27. **Galli G***, Bauch EM, Gruber MJ (2011). When anticipation aids long-term memory: What cognitive and neural processes are involved? *Journal of Neuroscience*, 31, 4355-4356.
28. **Galli G***, Wolpe N, Otten LJ (2011). Sex differences in the use of anticipatory brain activity to encode emotional events. *Journal of Neuroscience*, 31, 12364-12370.
29. **Galli G***, Ragazzoni A, Viggiano MP (2010). Atypical event-related potentials in MCI patients: an identification-priming study. *Alzheimer's and Dementia*, 6, 351-358.
30. Viggiano MP, **Galli G**, La Corte V, Ragazzoni A (2010). Temporal dynamics of memory-related effects in older and young adults: an ERP study. *Experimental Aging Research*, 36, 206-229.
31. **Galli G***, Otten LJ (2010) Material-specific neural correlates of recollection: objects, words, and faces. *Journal of Cognitive Neuroscience*, 23, 1405-1418.
32. Viggiano MP, **Galli G**, Righi S, Brancati C, Gori G, Zaccara A (2008). Visual recognition memory in Alzheimer disease: repetition lag effects. *Experimental Aging Research*, 34, 267-281.

33. **Galli G**, Viggiano MP, Feurra M (2006). “Did you see him in the newspaper?”. Electrophysiological correlates of context and valence in face processing”. *Brain Research*, 1119, 190-202.
34. Viggiano MP, Righi S, **Galli G** (2006). Category-specific visual recognition as affected by aging and expertise. *Archives of Gerontology and Geriatrics*, 42, 329-338.

Books

Galli G, Barni C (2005). La verifica di una psicoterapia costruttivista *sui generis*. Firenze University Press, Firenze.

Book chapters

Galli G (2004). La valutazione dell’anziano. In: MP Viggiano (Ed) Valutazione Cognitiva e neuropsicologica. Nel bambino, nell’adulto e nell’anziano. Carocci, Roma.

Invited talks and seminars

- 2022 Brain potentials as an index of political choice. UCL Division of Psychology and Language Sciences, UK
- 2021 Application of rTMS for the study of long-term memory formation. VII International School for Young Scientists 'Active and Passive Methods of Brain Research', Institute of Cognitive Neuroscience, Moscow Higher School of Economics, Russia
- 2019 Effects of tDCS on long-term episodic memory. Department of Psychology, University of Roehampton, UK
- 2019 Brain potentials as indices of political preferences. Italian Centre for Electoral Studies, Italy
- 2018 Brain indices of political preferences. IRCSS Santa Lucia, Rome, Italy
- 2017 Effects of transcranial Direct Current Stimulation on episodic memory. Moscow Higher School of Economics, Russia
- 2013 Neural mechanisms contributing to long lasting human memories. New York University Abu Dhabi, United Arab Emirates
- 2013 Event-related potentials and cognitive processes. Neuroscience Department, University Hospital Siena, Italy
- 2012 Anticipatory brain activity and memory formation. Department of Psychiatry, University of California San Diego, USA
- 2008 ERP correlates of recognition memory: Faces are not special. Cognitive Electrophysiology UK. Sterling, Scotland

Conference presentations (selection)

Medvedeva A, Saw R, Fuggetta G, Galli G. (2019). Temporal dynamics of memory formation in the ventrolateral prefrontal cortex investigated through rTMS. Poster presentation at International Brain Stimulation Conference. Vancouver, Canada.

Galli G, Sirota M, Vadillo M, Feurra M, Medvedeva A. (2018). A meta-analysis on the effects of tDCS on episodic memory. Poster presentation at Society for Neuroscience. San Diego, USA.

Galli G, Neacsu V, Newton F. (2016). An investigation of tDCS-induced modulations of episodic memory formation. Poster presentation at Society for Neuroscience. San Diego, USA.

Galli G, Feurra M, Pavone EF, Rossi S. (2015). Temporal characteristics of episodic memory formation investigated through repetitive Transcranial Magnetic Stimulation. Poster presentation at the Cognitive Neuroscience Society. San Francisco, USA.

Galli G, Feurra M, Pavone EF, Rossi S. (2013). Left Parietal Transcranial Alternating Current Stimulation enhances digit span performance in healthy individuals. Poster presentation at Society for Neuroscience. San Diego, USA.

Galli G, Otten LJ. (2011). Do individual differences in anticipating emotional events influence memory performance? Presentation at the International Conference on Memory. York, UK.

Galli G, Choy TL, Otten LJ. (2010). Preparatory neural activity predicts primacy: the role of semantic preparation in list learning. Poster presentation at the Cognitive Neuroscience Society. Montreal, Canada.

Galli G, Otten LJ. (2009). Material-specific electrophysiological correlates of recognition memory. Presentation at the Society for Psychophysiological Research. Berlin, Germany.

Professional service and memberships

- Academic consultant for Università Niccolò Cusano London (2016-2017)
- Ad-hoc grant reviewer for: Medical Research Council, Economic and Social Research Council, Wellcome Trust, Leverhulme Trust, Università degli Studi di Roma “La Sapienza”, Università degli Studi di Trento
- Project Peer Reviewer for the Science Fund of the Republic of Serbia
- Reviewer Editor for peer-reviewed journals: *Frontiers in Psychology*, *Frontiers in Human Neuroscience* (sections Neuropsychology, Cognitive Neuroscience, Brain Imaging and Brain Stimulation)
- Ad-hoc Reviewer for peer-reviewed journals: *Ageing Research Reviews*, *Biological Psychology*, *Brain Stimulation*, *Cerebral Cortex*, *European Journal of Neuroscience*, *Experimental Aging Research*, *Experimental Brain Research*, *Frontiers in Aging Neuroscience*, *Journal of Clinical Medicine*, *Journal of Neuroscience*, *NeuroImage*, *Neuropsychologia*, *PlosOne*, *Scientific Reports*, *Zeitschrift für Psychologie*
- Member of the Society for Neuroscience (since 2009)
- Licensed psychologist, Italian Board of Professional Psychology (since 2005)

Teaching

2014-	<i>BSc in Psychology, Kingston University</i> PS5003 Brain, Behaviour and Cognition (module leader, lecturer) PS6003 Neuropsychology and Neurorehabilitation (lecturer) PS6008 Advanced Thinking (lecturer) <i>MSc in Psychology (conversion), Kingston University</i> PS7004 Cognition and Biological Psychology (lecturer)
2014-2017	<i>BSc in Psychology, Kingston University</i> PS5008 Mental Health and Brain Functions (lecturer)
2009-2011	Seminar Leader. University College London

Teaching qualifications

- Fellow of the Higher Education Academy (FHEA)

- Abilitazione Scientifica Nazionale a Professore Associato (Italian academic qualification as associate professor)

Academic supervision

PhD supervision

2021-	Edward White, first supervisor. Kingston University
2016-	Zoe Machayle, second supervisor. Kingston University
2015-2020	Francesca Zaninotto, second supervisor. Kingston University
2016-2019	Angela Medvedeva, first supervisor. Kingston University

Visiting research fellows

2017-2018	Roberta Allegretta (University of Padova, Italy)
2016-2017	Maurizio Materassi (University of Florence, Italy)

BSc/MSc project supervision

2014-	Over 50 projects supervised, Kingston University
2020-	MSc dissertations co-supervisor, Moscow Higher School of Economics

Examination

2016-	External examiner for MSc dissertations, Moscow Higher School of Economics
2021	Internal PhD examiner (candidate: Emily Kamruddin), Kingston University
2021	External PhD examiner (candidate: Lucia Mencarelli), University of Siena, Italy
2020	External PhD examiner (candidate: Fadi Ifram), University of Kent
2019	External PhD examiner (candidate: Ndifreke Nyah), University of Bedfordshire
2016	Internal PhD examiner (candidate: Lisa Guthrie), Kingston University

Departmental and University service

2014-	Research seminars organizer, Kingston University
	L5 year tutor, Kingston University
	Member, Department of Psychology Education Committee
	Member, Kingston University Peer Review College

Media coverage (selected)

- “Voti a destra o a sinistra? La verità la dice l'elettroencefalogramma”, October 2021
(https://www.repubblica.it/salute/2021/09/30/news/voti_a_destra_o_a_sinistra_te_lo_dice_l_elettroencefalogramma-319835133/)
- “Neuroscientist casts doubt on benefit of using electric currents to improve memory”, Medical Express, April 2019(<https://medicalxpress.com/news/2019-04-neuroscientist-benefit-electric-currents-memory.html>)
- “In or out – how brain activity can predict your vote on Brexit” The British Psychological Society Research Digest, October 2017
(<https://digest.bps.org.uk/2017/10/04/in-or-out-how-brain-activity-can-predict-your-vote-on-brexit/>)

- “Women’s brains make them more scared during horror movies” The Telegraph, August 2011 (<http://www.telegraph.co.uk/science/science-news/8719291/Womens-brains-make-them-more-scared-during-horror-movies.html>)
- BBC Oxford and BBC Scotland, Radio Interviews, August 2011