

Francesco Pupillo

email: pupillo@psych.uni-frankfurt.de

OSF: <https://osf.io/6d2xn/>

Github: <https://github.com/FPupillo>

Personal Website: <https://sites.google.com/view/francesco-pupillo/home>

Phone: +49(0)176 26 18 02 93

Affiliation: *Institut für Psychologie, Goethe Universität, Frankfurt (Germany).*

RESEARCH INTERESTS

- Cognitive Neuroscience
- Cognitive Development Across the Lifespan
- Computational Neuroscience
- Episodic Memory
- Prospective Memory
- Emotion-cognition Interactions

CURRENT STATUS

2020 – present **Goethe University –Frankfurt Am Main.** Postdoctoral researcher at the LISCO Lab.

EDUCATION

2016/2019 **University of Aberdeen.** PhD Psychology (Full –Time). Dissertation: “The Influence of Affect on Prospective Memory: Neurological, Developmental, and Contextual Aspects”.

2006 -2009 **University of Catania.** MSc Psychology. Mark: 110/110 cum laude (equivalent to Distinction). Dissertation: “Mental imagery and emotion: A literature review from a cognitive neuroscience perspective”.

2002-2006 **University of Catania.** BSc Psychological Sciences and Techniques. Mark: 110/110 cum laude (equivalent to First class Honours). Research project: “Perception and mental representation in individuals with mental diseases”.

PUBLICATIONS

- Pupillo, F.**, Bruckner, R., & Shing, Y. L. (*in preparation*). Episodic Memory in Changing Environments.
- Pupillo, F.**, Ortiz-Tudela, J., Bruckner, R., & Shing, Y. L. (*in preparation*). Prediction Error and Memory: Insights from Computational Models.
- Pupillo, F.**, Hering, A., Martinovic, J., Phillips, L., & Schnitzspahn, K. (*in preparation*). The effect of negative mood on the electrophysiological correlates of remembering intentions.
- Ortiz-Tudela, J., Nolden, S., **Pupillo, F.**, Ehrlich, I., Schommartz, I., Turan, G., & Shing, Y. L. (*under review*). Not what U expect: Effects of Prediction Errors on Episodic Memory.
- Pupillo, F.**, Powell, D. J., Phillips, L. H., & Schnitzspahn, K. M. (2021). Remember to Stay Positive: Affect and Prospective Memory in Everyday Life. *Applied Cognitive Psychology*.
- Pupillo, F.**, Phillips, L., & Schnitzspahn, K. (2021). The detrimental effects of mood on prospective memory are modulated by age. *Emotion*, 21(3), 569–583.

AWARDS/SCHOLARSHIPS

- 2016 –2019 Three-year PhD Scholarship awarded by the University of Aberdeen, School of Psychology, for the project “Emotion-cognition interactions: from lab to life”.
- May 2019 Development Trust Student Support Fund, £536 travel grant to present at the International Society for Research on Emotion (ISRE) Conference in Amsterdam, 10-13 July 2019.
- April 2019 Guarantors of Brain, £490 travel grant to present at the 5th International Conference Aging & Cognition in Zurich, 24-26 April 2019.

- August 2018 British Psychology Society (BPS), Cognitive Psychology Section Postgraduate Bursary, £450 travel grant to present at BPS Annual Conference at the Liverpool Hope University, 28-30 August 2018.
- September 2018 Guarantors of Brain, £800 travel grant to present at the International Conference of Prospective Memory in Melbourne, 3-6 January 2018.
- October 2018 Grindley Grant of the Experimental Psychology Society, £500 travel grant to present at the International Conference of Prospective Memory in Melbourne, 3-6 January 2018.

CONFERENCE PRESENTATIONS

- September 21st, 2021 *Prediction Error and Memory: Insights from Computational Models*.
Poster presented at the 2021 Flux Congress (on line event).
- September 23rd, 2021 *Prediction Error and Memory: Insights from Computational Models*.
Poster presented at the Berstein Conference 2021 (on line event).
- August 6th, 2021 *Prediction Error and Memory*. Talk presented at the International Interdisciplinary Computational Cognitive Science Summer School (on line event).
- July 13th, 2019 *Influence of Everyday Mood on Naturalistic Prospective Memory in Aging: A Diary Study*. Talk presented at the symposium on emotion and cognitive functioning, International Society for Research on Emotion Conference, Amsterdam, Netherlands.
- April 24-26, 2019 *Influence of Everyday Mood on Naturalistic Prospective Memory in Aging: A Diary Study*. Plenary talk, 5th International Conference Aging & Cognition 2019, Zurich, Switzerland.
- August 28th, 2019 *The Influence of Mood on Prospective Memory in Young and Older Adults*. Talk presented at the symposium on Cognitive Aging, BPS Annual Conference, Liverpool, UK.
- July 1-3, 2018 *The Effects of Aging and Mood on Time-Based and Event-Based Prospective Memory*. Poster presented at the symposium on Prospective Memory, Heidelberg, Germany.

January 3-6, 2018 *The Effects of Aging and Mood on Time-Based and Event-Based Prospective Memory*. Poster presented at the 5th International Conference of Prospective Memory, Melbourne, Australia.

CURRENT COLLABORATIONS

- Computational models of learning and memory
Dr Rasmus Bruckner, Researcher at the Biological Psychology and Cognitive Neuroscience department at Freie Universität Berlin, Germany.
- Mood-cognition interactions and EEG
Dr Alexandra Hering, Assistant Professor at the department of Developmental Psychology at Tilburg University, Netherlands.
Dr Jasna Martinovic, Senior Lecturer, School of Psychology, University of Edinburgh, UK.
- Effect of valence and arousal of the cues on remembering future intentions
Dr Katharina Schitzspahn, Lecturer, School of Psychology, University of Aberdeen, UK.
- Modeling response time distributions in prospective memory
Dr Gene Brewer, Associate Professor, Institute for Humanities Research Arizona State University, USA.

ADDITIONAL COURSES AND WORKSHOPS

September 2021 *Computational Psychiatry*, Zurich (Switzerland).
June 2021 *Introduction to Machine Learning in Python*, Frankfurt (Germany).
April 2021 *Applied Data Science with Python*, Frankfurt (Germany).
February 2020 *Introduction to Deep Learning*, Marburg (Germany).
July 2018 *Intensive Longitudinal Methods*, Aberdeen (UK).
July 2017 *Introduction to linear modeling with R*, Aberdeen (UK).

TEACHING EXPERIENCE

- 2021 Introduction to fMRI analysis (Goethe University, Germany). Practical workshop on the analysis of fMRI data for the MSc on Cognitive Neuroscience.
- 2019 Behaviour, health, and wellbeing course: Lecturer (University of Aberdeen). Key theories and main methodologies for analysing behaviour in everyday life for 3rd year students of psychology and medicine.
- 2018-2019 SPSS practical classes: Tutor (University of Aberdeen). Support for 3rd year psychology students using SPSS to analyse data.
- 2018-2019 Research Methods Course: Tutor (University of Aberdeen). Quantitative research methods for 1st year psychology students. It involved both theoretical and practical aspects.
- 2017-2019 Statistics with R drop-in sessions: Tutor (University of Aberdeen). Theoretical and practical sessions on statistics and R, aimed at MSc students.
- 2017-2019 Introductory psychology classes: Tutor (University of Aberdeen). Academic support for 1st year psychology students. It included delivering workshops, promoting debates in groups of 20 students, and marking written assessments.

SUPERVISION OF STUDENTS

Bachelor students

- Rasmus Sinn (2021). *Memory in changing environments*. Goethe University Frankfurt.
- Richardson, M., Tuominen, E. W. (2018-2019). *The effect of negative mood on event-based prospective memory*. University of Aberdeen.
- Hurrell, H. P., Few, J. (2017-2018). *Influence of everyday mood on naturalistic prospective memory*. University of Aberdeen.
- McCaan, R., Galicia, H., Murray, G. (2016-2017). *The influence of mood on prospective memory: The role of the task type*. University of Aberdeen.

Research Interns

- Kvarving, M. (2018-2019). *Emotional prospective memory: Valence and arousal effects*. University of Aberdeen.
- Bryja, A. (2018). *Influence of mood on prospective memory in aging*. University of Aberdeen.

PUBLIC ENGAGEMENT

September 2017 Stall at the *Explorathon* event, Aberdeen.

CONFERENCE ORGANIZATION

July 2019 Symposium on Emotion and Cognitive Functioning, International Society for Research on Emotion Conference, Amsterdam, Netherlands.

OPEN SCIENCE AND RESOURCE SHARING

Open Science Framework: <https://osf.io/6d2xn/>

Github: <https://github.com/FPupillo>

Website: <https://sites.google.com/view/francesco-pupillo/home>