

Antonio Schettino, Ph.D.

COORDINATOR OPEN SCIENCE COMMUNITY, ERASMUS RESEARCH SERVICES

Rotterdam (NL)

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I have a background in experimental psychology, cognitive and affective electrophysiology. During my academic career, I investigated the relationship between emotions and visual perception using a wide range of methodological and statistical tools. I adopted transparent and open science practices at every stage of the research cycle, from the preregistration of the initial idea to the publication of the final manuscript in peer-reviewed open access journals. As Coordinator of the Open Science Community Rotterdam, I facilitate communications between members of the community, organize events and workshops, communicate such activities on social media, and personally support individual researchers and research groups with day-to-day activities related to open science.

Work Experience

2019/04 – CURRENT, ERASMUS UNIVERSITEIT ROTTERDAM (NL): COORDINATOR OPEN SCIENCE COMMUNITY

- **Goal:** encourage the use of open and transparent scientific practices, provide hands-on support
- **Responsibilities:**
 - create platforms for easy communication between members of the community
 - organize events and workshops
 - promote open science activities on social media
 - support individuals and research groups with day-to-day activities

2015/10 – 2018/09, UNIVERSITEIT GENT (BE): POST-DOCTORAL RESEARCHER

- **Goal:** research on how negative mood changes the way we see objects
- **Responsibilities:**
 - ideation and programming of empirical studies
 - data collection, analysis, and visualization
 - share results (in written and oral communications) with other researchers
 - co-supervision of M.Sc. and Ph.D. students

2013/03 – 2015/09, UNIVERSITÄT LEIPZIG (DE): POST-DOCTORAL RESEARCHER

- **Goal:** research how quickly we pay attention to emotional pictures
- **Responsibilities:** see above

Grants & Funding

2015/10 – 2018/09, UNIVERSITEIT GENT (BE): POST-DOCTORAL FELLOWSHIP

€100,000.00, Bijzonder Onderzoeksfonds (BOF)

2012/09, NEW ORLEANS (U.S.A.): STUDENT TRAVEL AWARD

\$1,000.00, Society for Psychophysiological Research (SPR)

2011/07, KYOTO (JAPAN): FULL TRAVEL GRANT

€3,000.00, Fonds Wetenschappelijk Onderzoek (FWO)

Education

2017/10, Katholieke Universiteit Leuven (BE)

Statistical Machine Learning with R

2017/08, Universiteit van Amsterdam (NL)

Fourth Model-based Neuroscience Summer School

2017/01, Universiteit Gent (BE)

A practical course in Network Analysis for Psychological Research

2016/08, Universiteit van Amsterdam (NL)

Sixth Annual JAGS and WinBUGS Workshop – Bayesian Modeling for Cognitive Science

2008/12 – 2013/02, Universiteit Gent (BE)

Ph.D. in Psychology

2000/09 – 2007/07, Università Milano-Bicocca (IT)

M.Sc. in Psychology

Technical Skills

CODING ENVIRONMENT

- advanced: *R* / *RStudio*, *MATLAB*
- beginner: *Python* / *Anaconda*, *LaTeX*
- probabilistic programming languages *JAGS* and *STAN*

STATISTICS (AND RELEVANT R PACKAGES)

- (frequentist/Bayesian) multilevel (non-)linear models: *lme4*, *brms*
- data imputation: *mice*, *Amelia*
- intro to drift diffusion models: *DDM*, *brms*
- intro to machine learning: *caret*, *randomForest*
- intro to time-series analysis: *season*
- intro to network analysis: *qgraph*, *bootnet*, *IsingFit*
- intro to vector auto-regressive models: *graphicalVAR*, *mlVAR*

OPERATING SYSTEMS AND OFFICE SUITES

- Microsoft® Windows (*XP/Vista/7/8*), Linux (*Ubuntu/Manjaro*)
- Microsoft® Office (*Word/Excel/PowerPoint*), LibreOffice

Experience on open and transparent science practices

- *Preregistration*, sharing *data*, *materials*, and *analysis scripts* of published empirical work
- Sharing *pre- and post-prints*
- Talks:
 - *Reproducible data analysis using R and the tidyverse*
 - *Analyzing an experiment on involuntary attention using brms*
 - *Augmented Publishing - A proof of concept*
- Within the *Cap-Lab*:
 - responsible for promoting and teaching open science practices (e.g., archiving data on public repositories, pre-registrations, informed statistics)
 - representative of the academic personnel at departmental meetings

Selected Publications

For a complete list, visit my *ORCID profile*

- Armeni, K., Brinkman, L., Carlsson, R., Eerland, A., Fijten, R., Fondberg, R., ..., **Schettino, A.**, ..., Zurita-Milla, R. (2020). Towards wide-scale adoption of open science practices: The role of open science communities. <https://doi.org/10.31222/osf.io/7gct9>
- **Schettino, A.**[†], Gundlach, C.[†], & Müller, M. M. (2019). Rapid extraction of emotion regularities from complex scenes in the human brain. *Collabra: Psychology*, 5(1), 20. <https://doi.org/10.1525/collabra.226>
- Schindler, S.[†], **Schettino, A.**[†], & Pourtois, G. (2018). Electrophysiological correlates of the interplay between low-level visual features and emotional content during word reading. *Scientific Reports*, 8:12228. <https://doi.org/10.1038/s41598-018-30701-5>
- Pourtois, G., **Schettino, A.**, & Vuilleumier, P. (2013). Brain mechanisms for emotional influences on perception and attention: What is magic and what is not. *Biological Psychology*, 92(3), 492–512. <https://doi.org/10.1016/j.biopsycho.2012.02.007>

[†]Co-first authors

Academic Services

- 2018/10 – 2019/07: - Volunteer as Head of Research Consultancy at *IGDORE*
 - coordinate a team of *research assistants*
 - develop *services* to disseminate scientific reports, data, and materials
 - contact non-profit organizations (e.g., *COS*, *OA Button*) for partnerships
- *Ad-hoc reviewer* of manuscripts submitted to scientific journals
- Qualified to evaluate research proposals submitted to:
 - *European Commission*
 - *Polish National Research Centre*
 - *Italian Ministry of Education, University, and Research*
- Co-organizer of *specialized scientific events and workshops*

Professional Memberships

- Society for the Improvement of Psychological Science (*SIPS*)
- Signatory of the Peer Reviewer's Openness Initiative (*PRO*)
- Signatory of the San Francisco Declaration on Research Assessment (*DORA*)

Languages

ITALIAN: NATIVE

ENGLISH: MASTERY (C2)

DUTCH: BEGINNER (A2)

References

Upon request