

Alessandro Thomas Gifford



EDUCATION

- 2018 - 2019 **Thesis Research Internship**
Freie Universität Berlin, Berlin, Germany
Advisors: Daniel Kaiser, Radoslaw M. Cichy
- 2017 - 2019 **MSc Cognitive Neuroscience**
CIMEC, Rovereto, Italy
Advisors: Daniel Kaiser, Radoslaw M. Cichy, Scott L. Fairhall
- 2016 - 2017 **Philosophy Exchange Student**
University of John Paul II, Kraków, Poland
- 2014 - 2017 **BA Philosophy**
University of Trento, Trento, Italy
Advisors: Carlo Brentari, Paola Giacomoni

RESEARCH EXPERIENCE

- 2019 - now **PhD in Cognitive Computational Visual Neuroscience**
Freie Universität Berlin, Berlin, Germany
Advisor: Radoslaw M. Cichy
- 2022 **Organization of the Algonauts Project 2023 Challenge**
University of Minnesota, Minneapolis, MN, USA
Advisors: Kendrick Kay, Radoslaw M. Cichy
- 2021 **Research Project in Brain Computer Interface Technology**
Charité - Universitätsmedizin Berlin, Berlin, Germany
Advisor: Surjo Soekadar

MEMBERSHIPS & AFFILIATIONS

- 2021 - now Bernstein Center for Computational Neuroscience, Berlin, Germany
- 2020 - now Einstein Center for Neurosciences, Berlin, Germany

AWARDS AND FUNDING

- 2023 National Eye Institute Early Career Scientist Travel Grant
- 2020 - 2023 Einstein Center for Neurosciences PhD scholarship

PEER-REVIEWED ARTICLES

- 2022 **Gifford AT**, Dwivedi K, Roig G, Cichy RM. 2022. A large and rich EEG dataset for modeling human visual object recognition. *NeuroImage*, 264:119754. DOI: <https://doi.org/10.1016/j.neuroimage.2022.119754>

PREPRINTS

- 2023 Lahner B, Dwivedi K, Iamshchinina P, Graumann M, Lascelles A, Roig G, **Gifford AT**, Pan B, Jin S, Ratan Murty NA, Kay K, Oliva A, Cichy RM. 2023. BOLD Moments: modeling short visual events through a video fMRI dataset and metadata. bioRxiv, 2023-03. DOI: <https://doi.org/10.1101/2023.03.12.530887>
- 2022 **Gifford AT**, Lahner B, Saba-Sadiya S, Vilas MG, Lascelles A, Oliva A, Kay K, Roig G, Cichy RM. 2023. The Algonauts Project 2023 Challenge: How the Human Brain Makes Sense of Natural Scenes. arXiv preprint, arXiv:2301.03198. DOI: <https://doi.org/10.48550/arXiv.2301.03198>

DATASETS

- 2023 Lahner B, Dwivedi K, Iamshchinina P, Graumann M, Lascelles A, Roig G, **Gifford AT**, Pan B, Jin S, Ratan Murty NA, Kay K, Oliva A, Cichy RM. 2023. BOLD Moments: modeling short visual events through a video fMRI dataset and metadata. DOI: <https://doi.org/10.1101/2023.03.12.530887>
- 2022 **Gifford AT**, Dwivedi K, Roig G, Cichy RM. 2022. A large and rich EEG dataset for modeling human visual object recognition. DOI: <https://doi.org/10.17605/OSF.IO/3JK45>

TALKS & POSTER PRESENTATIONS

- 2023 **Poster presentation**, Neuro-AI-talks (NEAT), Osnabrück, DE. September 2023. Title: A large and rich EEG dataset for modeling human visual object recognition.
- Talk**, Cognitive Computational Neuroscience (CCN) conference, Oxford, UK. August 2023. Title: The Algonauts Project 2023 Challenge: How the Human Brain Makes Sense of Natural Scenes.
- Talk**, Vision Sciences Society (VSS) conference, St. Pete Beach, FL, USA. May 2023. Title: A large and rich EEG dataset for modeling human visual object recognition.
- 2022 **Poster presentation**, Cognitive Computational Neuroscience (CCN) conference, San Francisco, CA, USA. August 2022. Title: A large and rich EEG dataset for modeling human visual object recognition.

MENTORED STUDENTS

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|------|-------------------------------|
| 2023 | Todd Hagen (MSc Internship) |
| 2022 | Özkan Hüseyincan (Internship) |
| 2021 | Andrei Kitaitsev (MSc thesis) |

ACADEMIC PEER REVIEWING

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| 2023 | NeuroImage |
| 2022 | NeuroImage |

ACADEMIC REFERENCES

Radoslaw Martin Cichy, Prof.

Research Group Leader
Freie Universität Berlin
Department of Psychology and Education
Habelschwerdter Allee 45
14195, Berlin, Germany
radoslaw.cichy@fu-berlin.de

Kendrick Kay, Prof.

Research Group Leader
University of Minnesota
Center for Magnetic Resonance Research (CMRR)
2021 6th St SE
55455, Minneapolis, MN, USA
kay@umn.edu