



Oxford Machine Learning in Neuroimaging Lab

Lab Handbook

1 Welcome

Welcome to the Oxford Machine Learning in Neuroimaging (OMNI) Lab! We are a team of researchers led by Ana Namburete based at the Department of Computer Science at the University of Oxford. We wrote this document to provide all new members of the OMNI Lab have insight into how our group operates and ensure that you have a great time working in the lab. In this handbook, you will find detailed information about life as a member of the OMNI Lab, what we expect from our researchers, and the support we can offer to your professional development.

We hope this document serves as a reference point throughout your time at OMNI, providing you with the necessary information for an overall positive social and professional experience during your time here. We expect all new members to read this document by the end of their **first month** after joining our lab.

The guidelines described are constantly evolving according to the needs of the group. If you are currently a member of the lab, we encourage you to provide suggestions or modifications to the handbook. For any questions or concerns, you may directly contact [Ana](#) or post a message in the relevant communication channels of the lab (e.g. on Slack, or raise it in our weekly group meetings).

The current manual has been inspired by the work of our colleagues and collaborators (Benjamin Tendler, the WIN Physics group). We are grateful for their support.

– The OMNI Team

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2 Science and Mission

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3 Research Roles and Expectations

This section describes our views and expectations on how the lab is run, how science is done, and how we interact within the lab aiming for a positive, stimulating, and rewarding experience. Active participation from all members is essential for achieving these goals.

3.1 General Expectations

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3.2 Research Student

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3.3 Early Career Researcher

3.4 Principal Investigator

3.5 Internal Science Roles

4 Culture

4.1 Workspace Kondukt

4.2 Work and Wellbeing

4.3 Equality, Diversity, and Inclusion

4.4 Good Citizenship

5 Development

5.1 Career Development

5.2 Open & Responsible Research

5.3 Responsible usage of AI for Research

5.4 Collaborating

5.5 Travel & Conferences

5.6 Public Engagement