

Curriculum Vitae

Marius Winkler

Max-Planck-Institut für Meteorologie

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<https://mariuswinkler.github.io/>

Education

Ph.D. Earth System Sciences, 2021–2025, Max-Planck-Institut für Meteorologie und Universität Hamburg, Germany

Dissertation: “Boundary Layer Wind Balances and their Influence on Equatorial Sea-Surface Temperatures”

Advisors: Bjorn Stevens (MPI-M), Juan Pedro Mellado González (UHH)

Emphases: Air-Sea Interaction, Surface Winds, Momentum Analysis, Equatorial Cold Tongue, Climate Physics

M.Sc. M.Sc. Theoretical Physics, 2018–2020, École Normale Supérieure de Paris, France and Technische Universität Berlin, Germany

Thesis: “Phase Response Approaches to Neural Activity Models with Delay”

Advisors: Boris Gutkin (ENS Paris), Eckehard Schöll (TU Berlin)

Emphases: Neuroscience, Nonlinear Dynamics and Control, Colloidal Systems: Theory and Simulation, Advanced Quantum Mechanics

B.Sc. B.Sc. Physics, 2014–2018, Technische Universität Berlin, Germany

Thesis: “Synchronization of chimera states in multiplex networks of logistic maps”

Advisor: Eckehard Schöll (TU Berlin)

Emphases: Theoretical and Experimental Physics

Journeyman Apprenticeship as Journeyman Bespoke Shoemaker, 2012–2014, Schuhmacherei Hans-Joachim Vauk, Neumünster, Germany

Professional Experience

Director at MPI-M and Scientific Member of Max Planck Society

Max Planck Institute for Meteorology, Hamburg

2008–present

Managing Director, 2011–2014, 2021–2024

Head, MPI-M Scientific Computing Lab, 2013–2020, 2024–

Professor (§17), Universität Hamburg, 2009–