

PAVAN CHAGGAR

DPhil Student ◊ Mathematical Institute ◊ University of Oxford
pavanjit.chaggar@maths.ox.ac.uk

EDUCATION

University of Oxford, D.Phil, Mathematical Institute *2019 — 2023*
Provisional Title: Data-Driven Mathematical Modelling of Neurodegeneration
Academic Advisor: Alain Goriely, Saad Jbabdi
Industrial Advisor: Stefano Magon (Roche), Gregory Klein (Roche)
Funding: EPSRC CDT in Sustainable Approaches to Biomedical Sciences

University College London, M.Sc in Neuroscience *2018 — 2019*
Merit with Distinction in thesis
Thesis Advisor: Maria Chain, Karl Friston, Gareth Barnes

King's College London, B.Sc in Biomedical Sciences *2012 — 2016*
Upper Second Class Honors
Thesis Advisor: Clive Coen

RESEARCH INTERESTS

Differential equations, dynamics, probabilistic inference, scientific machine learning, neurodegenerative disease, neuroscience

PUBLICATIONS
