

INFORMAZIONI PERSONALI

Jacob Butt

OCCUPAZIONE PER LA QUALE
SI CONCORRE

Post-Doctoral Researcher

ESPERIENZA
PROFESSIONALE

2024-2025

Postdoctoral researcher

University of Sapienza, department of Statistical Sciences, Roma

- Conducting research on discrete time semi-Markov processes and discrete non-local operators, under the supervision of Costantino Ricciuti

Research

2021-2024

Doctoral Tutor

University of Sussex, department of Mathematics and Physics, Brighton, United Kingdom

- Running workshops and practical demonstrations for various courses run by the department of mathematics.

Teaching

ISTRUZIONE E FORMAZIONE

2020-2024

Doctor of Philosophy - Mathematics

RQF Level 8

University of Sussex, Brighton, United Kingdom

- Probability theory and random processes, Statistics, Partial differential equations, fractional calculus and non-local processes, queuing theory. Thesis comprised of work on limits of a discontinuous TASEP process as well as work on a non-Markovian queuing process with Mittag-Leffler inter-event times.

COMPETENZE PERSONALI

Lingua madre

English

2014-2018

Master of Mathematics and Physics, MMathsPhys

RQF Level 7

University of Warwick, Coventry, United Kingdom

- Probability theory, Partial differential equations, Fluid Mechanics & Magnetohydrodynamics, Population dynamics, Quantum Mechanics, Functional analysis.

Competenze comunicative

- Research presentation skills – I have presented my research work in various Seminars and conferences.

- Data presentation and visualisation.

Competenze organizzative e gestionali

- Time and project Management – working on big projects through my PhD as well as working on research papers

Competenze professionali

- Good knowledge of R and Python programming – I have run simulations of queues and random walks using these languages.

ULTERIORI INFORMAZIONI**Pubblicazioni**

- Butt, J., Georgiou, N. and Scalas, E., 2023. Queuing models with Mittag-Leffler inter-event times. *Fractional Calculus and Applied Analysis*, 26(4), pp.1465-1503.

Dati personali

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

Il sottoscritto dichiara di essere consapevole che il presente *curriculum vitae* sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

Data 06/10/2025

f.to Jacob Butt