

Professor David Needham BSc, PhD, FIMA

Professor of Applied Mathematics

[School of Mathematics \(/schools/mathematics/index.aspx\)](/schools/mathematics/index.aspx)

Contact details

Telephone **+44 (0) 121 414 6593** (tel:[+44 121 414 6593](tel:+441214146593))

Email d.j.needham@bham.ac.uk
(<mailto:d.j.needham@bham.ac.uk>)



School of Mathematics
Watson Building
University of Birmingham
Edgbaston
Birmingham
B15 2TT
UK

About

Head of Applied Mathematics Group

Qualifications

- BSc Mathematics
- PhD Applied Mathematics

Teaching

Teaching in Applied Mathematics at Undergraduate and Post graduate level

Postgraduate supervision

PhD supervision in areas:

- Applied Analysis
- Nonlinear Waves
- Dynamical Systems

Research

RESEARCH THEMES

- Research areas in Applied Analysis
- Reaction_Diffusion Theory
- Nonlinear Waves in Fluids
- Dynamical Systems.

Other activities

- Journal Editor
- External Examiner at Undergraduate and Postgraduate level
- EPSRC College Member
- LMS Research Programmes Committee member
- EPSRC Sandpit Panel Member
- Industrial Research with Norsk Hydro, Schlumberger PLC, Quinetiq PLC