

## Professor David Needham BSc, PhD, FIMA

Professor of Applied Mathematics

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

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### 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