

Nonlinear wave equations and black hole stability

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Others in the UK: Dr Dafermos, Cambridge

- ▶ Many post-docs and graduate students
- ▶ similar problems
- ▶ Cauchy horizon
- ▶ stability of spherical gravity and wave

Others in the UK: Dr Valiente-Kroon, Queen Mary's (London)

- ▶ some post-docs
- ▶ structure of \mathcal{I}^+
- ▶ distance from known solution

Edinburgh

- ▶ ~ 40 Faculty
- ▶ ~ 60 Faculty
- ▶ SMSTC courses in first year.

Edinburgh: Research groups

- ▶ Algebra and number theory
- ▶ Analysis
- ▶ Applied and computational mathematics
- ▶ Geometry and topology
- ▶ Mathematical physics
- ▶ Operations research and optimization
- ▶ Probability and stochastic analysis
- ▶ Statistics

Edinburgh: Other analysts

- ▶ Dr Blue
- ▶ Dr Bournaveas (PDEs)
- ▶ Prof Carbery (Harmonic)
- ▶ Prof Davie (Stochastic PDEs)
- ▶ Dr Dindos (PDEs)
- ▶ Prof Gyongy (Stochastic PDEs)
- ▶ Dr Karakhanyan (PDEs)
- ▶ Prof Wright (Harmonic)