

# South Wales Analysis and Probability Seminar

Swansea University  
14 December 2018

**Carlo Mercuri** (Swansea)

10:30–11:05

Quantitative symmetry breaking of groundstates for a class of weighted Emden-Fowler equations

**Baptiste Morisse** (Cardiff)

11:10–11:45

The onset of instabilities for non hyperbolic systems

**Andrew Neate** (Swansea)

13:15–13:50

Semiclassical diffusions

**Junyong Zhang** (Cardiff)

13:55–14:30

Strichartz estimate and Schrödinger operator in a conic singular space

## Biomath Colloquium

15:00–16:00

**Chandrasekhar Venkataraman** (Sussex)

Multiscale modelling of biological problems

**EPSRC**

Engineering and Physical Sciences  
Research Council

<https://jbenartzi.github.io/SWAP/>

Organisers:

Jonathan Ben-Artzi (Cardiff)  
Dmitri Finkelshtein (Swansea)