

A hand-drawn diagram in the background features a large, irregular, hand-drawn oval shape. Inside this oval, there are several smaller, overlapping circles and lines. To the left of the oval, the text  $X = \mathbb{R}^2$  is written. To the right,  $F_2$  is written. Below the oval,  $F_1$  is written. A horizontal line crosses the lower part of the oval. The overall style is that of a chalkboard or a piece of paper with hand-drawn mathematical sketches.

# BMath Meetup

Wednesday 16<sup>th</sup> October, 12 noon to 1 pm, VG 01

*The magic of non-principal ultrafilters*

Stephan Tornier

Stephan Tornier & Ben Wilks