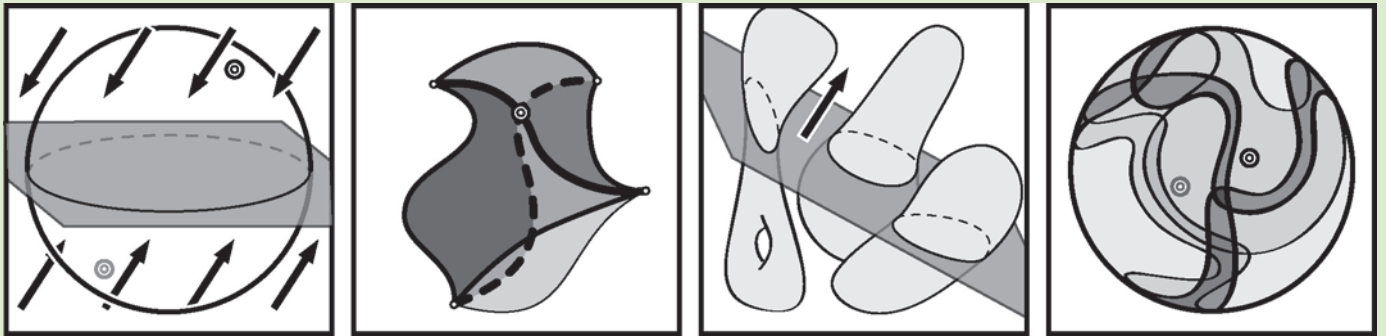




International Centre for Mathematical Sciences

The Mathematics of Holes



a public lecture by

Robert Ghrist

University of Pennsylvania

Mathematics implicates motions and machines; computations and colorings; the strings and arrows of life. Perhaps the grandest expression of the beauty and power of mathematics is revealed in the quantification and qualification that which is not there: holes. Topology – the mathematics of holes – will be surveyed with a fresh look at the many ways in which topology is used in data management, networks, and optimization.

6pm Tuesday 3 July

(doors open 5.30pm)

Lecture Theatre 183
Old College, University of Edinburgh
South Bridge, Edinburgh

Free tickets and location map online at
<http://mathematicsofholes.eventbrite.com/>