



# Liverpool Mathematical Society Popular Lectures, Spring Term

Thursday 2nd February 2017

17:30 to 18:30

Liverpool Hope University

Hope Park, Liverpool L16 9JD  
Eden Building, Room 036

**BALAZS SZENDROI**

(University of Oxford)

will talk on

**ISLAMIC TILINGS AND  
THEIR SYMMETRIES**



Ashmolean Museum, Oxford

Decorative art in the Islamic world often takes the form of geometric patterns that exhibit interesting symmetries. The talk will discuss the relationship between art and pure mathematics through the example of Frieze Patterns, essentially one-dimensional periodic patterns whose possible symmetry configurations can be fully understood. The related notions of wallpaper patterns and crystallographic patterns will also be discussed, and there will be lots of pictures.

**No tickets.**

**Free entry to all students and members of the Liverpool Mathematical Society; others pay a £4 door charge**

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