

Oxford Mathematics Public Lectures Chairman's Inaugural Lecture



Mathematical
Institute

25.11.15

Professor Martin Bridson *Symmetry, Spaces and Undecidability*



Martin Bridson is the Whitehead Professor of Pure Mathematics at the University of Oxford, and became Head of the Mathematical Institute on 1st October 2015. To mark the occasion he will be giving an Inaugural Chairman's Public Lecture.

When one wants to describe the symmetries of any object or system, in mathematics or everyday life, the right language to use is group theory. How might one go about understanding the universe of all groups and what kinds of novel geometry might emerge as we explore this universe?

The understanding of the possible geometries in dimension 3 is one of the triumphs of 20th century mathematics. Martin will explain why such an understanding is impossible in higher dimensions.

5.00pm – Lecture Theatre 1
Mathematical Institute, University of Oxford
Andrew Wiles Building
Radcliffe Observatory Quarter

Register at external-relations@maths.ox.ac.uk