



# Scottish Topology Seminar

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Thursday, 21 March, 2013  
Newhaven Lecture Room, [ICMS](#)  
15 South College Street  
Edinburgh

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2.00-3.00PM SMSTC lecture  
**Geometry in the 21st Century**  
**Sir Michael Atiyah (Edinburgh)**

*This lecture is primarily intended for the students of the Geometry/Topology stream of the Scottish Mathematical Sciences Training Centre course, but others are welcome to attend.*

3.10-4.10PM STS lecture  
**Polynomial upper bounds on Reidemeister moves**  
**Marc Lackenby (Oxford)**

4.10-4.40PM Tea break

4.40-5.40PM STS lecture  
**50 years of index theory**  
**Sir Michael Atiyah (Edinburgh)**

*The Scottish Topology Seminar based at the School of Mathematics in Edinburgh was the first topology seminar in Scotland, initiated by Elmer Rees in 1981. This is the first meeting of a new peripatetic version of the Seminar, which is organized by Richard Hepworth (Aberdeen), Brendan Owens (Glasgow) and Andrew Ranicki (Edinburgh), with at least 3 meetings a year. The Scottish Topology logo was designed by Simon Willerton.*

*The Scottish Topology Seminar is supported by the Glasgow Mathematical Journal Trust.*

*Attendance is by registration. Please email [A.Ranicki@ed.ac.uk](mailto:A.Ranicki@ed.ac.uk) before 14 March to register.*

