

LECTURE SERIES

Memorial Conference for the founders of index theory: Atiyah, Bott, Hirzebruch and Singer

April 27, 2021

9:00am ET- *Virtually*



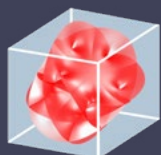
Frances Kirwan
University of Oxford

“Moment maps and the Yang-Mills functional”

In the early 1980s Michael Atiyah and Raoul Bott wrote two influential papers, ‘The Yang-Mills equations over Riemann surfaces’ and ‘The moment map and equivariant cohomology’, bringing together ideas ranging from algebraic and symplectic geometry through algebraic topology to mathematical physics and number theory. The aim of this talk is to explain their key insights and some of the new directions towards which these papers led.

Talk chair: Peter Kronheimer

This lecture will be held virtually.
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