

# LECTURE SERIES

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

**April 6, 2021**

9:00am ET- *Virtually*



**Edward Witten**

Institute for Advanced Study

### **“Isadore Singer’s Work on Analytic Torsion”**

I will review two famous papers of Ray and Singer on analytic torsion written approximately half a century ago. Then I will sketch the influence of analytic torsion in a variety of areas including anomalies, topological field theory, and string theory.

*Talk chair: Cumrun Vafa*

**This lecture will be held virtually.  
[Click here to register](#)**



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