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Sir Michael Atiyah

Fields Medal 1966

Abel Prize 2004

Riemann's Influence in Geometry, Analysis and Number Theory

I will describe some ways in which Zeta functions enter geometry and their relation to the theory of Riemann surfaces

18 de desembre a les 11h,

a la Sala d'Actes de la

Facultat de Matemàtiques i Estadística

C. Pau Gargallo, 5 - Barcelona

Duality in Mathematics and Physics

Duality is one of the oldest and most fruitful ideas in Mathematics. I will survey its history, showing how it has constantly been generalized and has guided the development of Mathematics. I will bring it up to date by discussing some of the most recent ideas and conjectures in both Mathematics and Physics.

18 de desembre a les 18h,

a l'Aula Magna de la

Universitat de Barcelona

Gran Via de les Corts, 585 - Barcelona