PEDRO NUNES LECTURES

Pedro Nunes Lectures is a new initiative organized by CIM, in collaboration with SPM (Sociedade Portuguesa de Matemática), with the support of the Fundação Calouste Gulbenkian, for promoting short visits to Portugal of outstanding mathematicians.

Pedro Nunes Lectures are addressed to a wide audience covering broad mathematical interests, particularly PhD students and young researchers. The Pedro Nunes Lectures promote the cooperation between Portuguese universities and are a high level complement of research programs in Mathematics.

Started in July 2009 with the Lectures given by Luis Caffarelli (University of Texas at Austin), the next lectures are scheduled to be given by Michael Atiyah, from the University of Edinburgh, during his visits to the Universities of Minho, Coimbra and Porto, in the period 15 until 24 April 2010.

Professor Sir Michael Atiyah

Sir Michael Atiyah has made fundamental contributions to many areas of mathematics, but especially to topology, geometry and analysis. From his first major contribution – topological K-theory - to his more recent work on quantum field theory, Atiyah has been influential in the development of new theoretical tools and has supplied far-reaching insights. He is a notable collaborator, with his name linked with other outstanding mathematicians through their joint research, such as R. Bott, F. Hirzebruch and I. Singer, or some of his notable students, like G. Singer, N. Hitchin and S. Donaldson.
He was awarded a Fields Medal in 1966, the Copley Medal in 1988 and the Abel Prize in 2004. Atiyah has been President of the Royal Society and Master of Trinity College, Cambridge.
He was the first Director of the Newton Institute at the University of Cambridge and has been the recipient of many honours and awards, including in the UK a knighthood in 1983 and the Order of Merit in 1992.

Titles of the lectures

- *An unsolved problem in elementary Euclidean geometry*, University of Minho, April 16;

- *The index theory of Fredholm operators*, University of Coimbra, April 19;

- *Topology and quantum physics*, University of Porto, April 22.

For more information consult http://www.cim.pt/?q=glocos-pedronunes.