PEDRO NUNES LECTURES

spm SOCIEDADE PORTUGUESA DE MATEMÁTICA

Maxim Kontsevich

Review of homological mirror symmetry
5th July / 15.00 h / Porto
www.fc.up.pt/cmup

Towards non-commutative integrability
7th July / 14.30 h / Lisboa
www.ciul.ul.pt

ABOUT PEDRO NUNES LECTURES

Pedro Nunes Lectures is an initiative of **Centro Internacional de Matemática (CIM)** in cooperation with **Sociedade Portuguesa de Matemática (SPM)**, with the support of the **Fundação Calouste Gulbenkian**, to promote visits of notable mathematicians to Portugal. Each visitor is invited to give two or three lectures at Portuguese Universities on the recent developments in mathematics, their applications and cultural impact. **Pedro Nunes Lectures** are aimed to a vast audience, with wide mathematical interests, especially PhD students and youth researchers.

Webstreaming available at:
www.cim.pt/?q=glocos-pedronunes

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Professor Maxim Kontsevich work concentrates on geometric aspects of mathematical physics, most notably on knot theory, quantization, and mirror symmetry. His most famous result is a formal deformation quantization that holds for any Poisson manifold. He also introduced knot invariants defined by complicated integrals analogous to Feynman integrals.
In topological field theory, he introduced the moduli space of stable maps, which may be considered a mathematically rigorous formulation of the Feynman integral for topological string theory.
He received a Fields Medal in 1998, at the 23rd International Congress of Mathematicians in Berlin. He also received the Henri Poincaré Prize in 1997 and a Crafoord Prize in 2008.

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