

Special Lecture

Submitted by admin on Wed, 01/09/2013 - 19:02

(1) Quantum Beauty; (2) Beauty in Mathematics

(1) Frank Wilczek; (2) Enrico Bombieri

Massachusetts Institute of Technology; Professor Emeritus, IAS

Date & Time: Tue, 12/11/2012 - 14:45 - 16:00

Location: S-101

Video Link:

<http://video.ias.edu/1213/special-lecture/1211-bombieri>

(1) My lecture revolves around a question: Does the world embody beautiful ideas? That is a question that people have thought about for a long time. Pythagoras and Plato intuited that the world should embody beautiful ideas; Newton and Maxwell demonstrated how the world could embody beautiful ideas, in specific impressive cases. Finally in the 20th century in modern physics, and especially in quantum physics, we find a definitive answer: Yes! -- The world does embody beautiful ideas. I'll present the intellectual history, bringing in relevant artistic images, and discuss how esthetic considerations continue to guide our search for ultimate physical laws.

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Dorothea Phares

phares@ias.edu

Wed, 11/28/2012 - 19:37

Thu, 01/01/1970 (All day)

terms:

- [School of Mathematics](#)