

Fulbright-Greece 2019 Lecture Series



Το Παιδαγωγικό Τμήμα της ΑΣΠΑΙΤΕ διοργανώνει ομιλία με τίτλο:

Physics Pedagogy

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ABSTRACT

College & University Physics faculty engaged in the teaching of Physics have never been trained in Physics Pedagogy. Primary & Secondary Education Physics teachers have studied Physics and Pedagogy as two separate disciplines. Thus, the teaching and learning of Physics is a major challenge for the Physics instructor. In this talk we will introduce “Physics Education Research” and how it differs from traditional education research in that the emphasis is not on educational theory or methodology in the general sense, but rather on student understanding of science content.



Short Biography: Georgia Papaefthymiou-Davis obtained the bachelor’s degree from Barnard College and the PhD degree from Columbia University. She was a research scientist at the Francis Bitter National Magnet Laboratory at MIT before she relocated to Villanova University, where she currently holds the position of Full Professor at the department of Physics. Her interests lie in interdisciplinary science at the interface of Physics, Chemistry, Biology and

Materials Science, with a current emphasis on the magnetism of nanostructures at the molecular/solid boundary. She has received research funds from the National Science Foundation (NSF) and the National Institutes of Health (NIH). She is the recipient of prestigious awards, The Marie Curie Chair of Excellence award from the EU, the CAPES award from Brazil and the Fulbright Scholar Award from the US Department of State.