

ANNUNCIO DI SEMINARIO

Lunedì 25 settembre 2017, ore 15:00

Aula Magna del Dipartimento di Fisica e Chimica

Viale delle Scienze, Edificio 18, Palermo

Il Prof. Dimitrios Koliopoulos

Full Professor, Science Education and Science Museum Education, Department of Educational Sciences and Early Childhood Education– University of Patras (Greece)

terrà un seminario su

Science Education Research in University of Patras: Two case studies

Abstract

The Laboratory of Science, Mathematics and ICT Education (LSMICTE) constitutes a research unit within the Department of Educational Sciences and Early Childhood Education at the University of Patras (Greece). The main objective of LSMICTE is to conduct research in *Science, Mathematics and ICT Education* at all levels of the national educational system with a focus on the pre-school education. Another objective is to ensure the transformation of the research results into suitable material for teachers training. In this seminar, I will describe the activities of the Physics Education Research Group and I will analyse two research cases we implemented the previous years. The first case study concerns the design and the evaluation of teaching sequences when introducing historical elements in physics teaching; the second one concerns the design and the evaluation of research based teaching interventions on the concept of energy from preschool to high school education.

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