

## Seminario: La Física del Cáncer

**LA FISICA DEL CANCER**  
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## Deep changes in radiology

*Tuesday 16 May 2017 13:00 (30 minutes)*

This talk explains how deep technologies of automatic learning will affect radiology. Deep learning algorithms, techniques of deep reinforcement learning and their possible application to radiology are discussed.

Short CV;

Emilio Soria Olivas holds a degree in Physics (1992), an extraordinary award and a PhD in electronic engineering (1997). He is currently a University professor in the Department of Electronic Engineering of the ETSE (University of Valencia) where he is a lecturer of biosignal processing and machine learning applied to medicine. He has published 80 papers in journals indexed by JCR and more than 200 contributions to national and international conferences as well as 20 book chapters. All these publications are related to advanced data analysis in Medicine. He has also participated in more than 30 projects with public / private funding for the development of data-based applications. Currently, he belongs to the IDAL research group (<http://idal.uv.es>) of the University of Valencia

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