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**CICLO DE SEMINÁRIOS LABSIS 2015 - DÉCIMO SEMINÁRIO**  
Data: 12/11/2015  
Horário: 16h30min  
Local: Auditório do departamento de Geofísica (prédio REUNI)  
Ministrante: Prof Dr. Xavier Garcia (Barcelona Center for Subsurface Imaging)

Título: An introduction to magnetotellurics… And a couple of examples

Resumo:

Electromagnetic methods are geophysical techniques widely used by both  
academia and industry. In the present talk I start with a broad  
introduction to the method, reviewing the mathematical background,  
introduce resistivity and finishing with a classification into natural  
and controlled source methods. In the second part I introduce the BODES  
experiment, showing preliminary results from processing. Finally, I will  
show results from a Marine Magnetotelluric survey in southern Spain to  
study a very complex convergence margin.