



# Seminario de Geometría y Topología

## Around second Noether's theorem

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**Abstract.** In this talk, we will briefly review the so-called Noether's theorems, concerning the relations between symmetries and conservation laws on variational equations.

In particular, I will present a formulation of the second Noether's theorem that is valid on any natural bundle. If time permits, several examples and further generalizations will be discussed.

**Lugar:** Universidad Complutense de Madrid  
Facultad de Ciencias Matemáticas  
Departamento de Geometría y Topología, Sala 225

**Fecha y Hora:** Martes, 5 de noviembre de 2013, 12:00

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