



## Thematic Session

**Session title:** Variational Methods in Nonlinear Analysis

**Organizers:**

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**Description of the topic:**

The session will be devoted to recent developments on nonlinear differential equations using variational methods. The topics covered will include quasilinear equations, elliptic systems, Hamiltonian systems, non-local equations, strongly indefinite variational problems. This area is of considerable interest not only from a mathematical point of view but also because of its importance for an enormous variety of applications. We expect to have talks by senior experts as well as young researchers.

**2011 Mathematic Subject Classification:**

35J, 35Q, 58E