

EWinS 2016

EUSSpec Winter School on core level spectroscopies

February 1–11, 2016 | Ajdovščina, Slovenia



**COST Action MP1306:
Modern Tools for
Spectroscopy on Advanced Materials**

$$\hat{G}^{\pm} = \sum_{i,j} \frac{|\psi_i\rangle\langle\psi_j|}{E_i - E_j \pm i\delta}$$



the school is co-sponsored by the Psi-k network (<http://psi-k.net/>)

The aim of the two-week school is to introduce participants to foundations of modern approaches for studying core level spectroscopies from first-principles modeling to the most advanced experimental spectroscopy techniques. The school will bring together experts and early career investigators working on advanced materials science, with a common interest in high level and up-to-date sophisticated spectroscopy experiments and modeling tools.

Regular lectures and talks will be followed by hands-on courses on the following three codes: [Quantum ESPRESSO](#), [WIEN2k](#), and [ORCA](#).

Winter school will be held at the Applied Physics Faculty of the University of Nova Gorica, Ajdovščina, Slovenia.

Regular registration deadline: 15 December 2015

Registration & Info: ewins2016.ijs.si

Invited Plenary Speakers

Maria N. Piancastelli (Uppsala University)

Lucia Reining (Ecole Polytechnique)

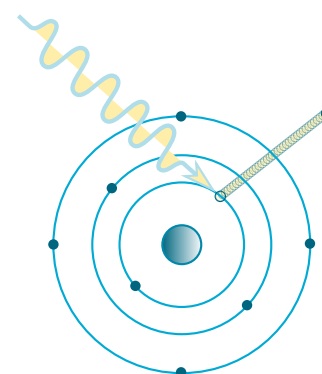
Frank de Groot (Utrecht University)

Stefano Baroni (SISSA)

Claudio Masciovecchio (Elettra Sincrotrone)

Cécile Hébert (EPFL)

Dimitrios Manganas (MPI für Chemische Energiekonversion)



Local Organizers

Layla Martin-Samos
University of Nova Gorica

Anton Kokalj
Jožef Stefan Institute

Barbara Ressel
University of Nova Gorica



International Committee

Hubert Ebert (University of Munich)

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