

The annual ETSF Workshop provides a forum for excited states and spectroscopy in condensed matter physics, chemistry, nanoscience, materials science and molecular physics attracting theoreticians, code developers and experimentalists alike.

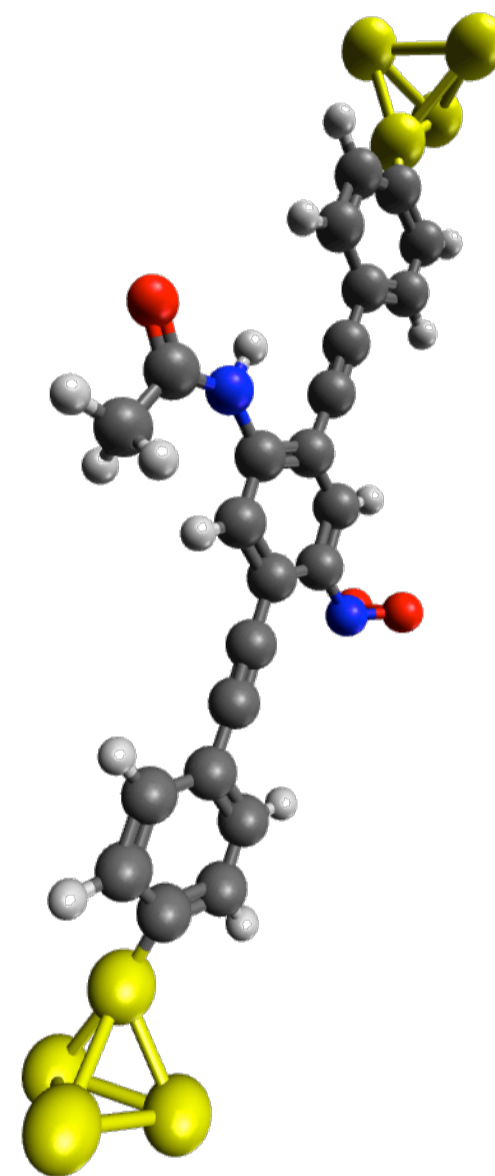
The 2013 edition of the ETSF workshop aims at advancing the field of functional materials by bringing together researchers from theoretical development, practical calculations and experiment in order to assess the state-of-the art, discuss recent advances and to address necessary improvements.

Focus sessions:

Spectroscopy of nanomaterials
 Multi-ferroic materials (in particular photo-ferroelectrics)
 Spectroscopy of photovoltaic materials
 Performance of novel xc-functionals for electronic excitations
 Electron-phonon coupling
 Spectroscopy of defects

Invited speakers

Wanda Andreoni – EPFL (Switzerland)
 Gabriel Bester – MPI Stuttgart (Germany)
 Peter Blaha – Vienna University of Technology (Austria)
 Silvana Botti – Université Lyon 1 (France)
 Matteo Calandra – Université Paris 6 (France)
 Stefano Curtarolo – Duke University (USA)
 Tobias Hertel – Uni Würzburg (Germany)
 Jens Kreisel – CRP Gabriel Lippmann (Luxembourg)
 Georg Kresse – University of Vienna (Austria)
 Risto Nieminen – Aalto University School of Science (Finland)
 Maurizia Palumbo – University of Rome, "Tor Vergata" (Italy)
 Susanne Siebentritt – University of Luxembourg (Luxembourg)
 Jeff Snyder – California Institute of Technology (USA)
 Nicola Spaldin – ETH Zurich (Switzerland)



*Image courtesy of
M. J. Verstraete*

Deadlines

Registration & Abstract: July 1st 2013

Payment: July 31st 2013

Register on-line:

<http://www.tddft.org/ETSF2013/>



Organizing and Program committee

Ludger Wirtz - University of Luxembourg, Luxembourg

Myrta Grüning - Queen's University Belfast, UK

Nicole Helbig - Forschungszentrum Jülich, Germany

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Funding and support

