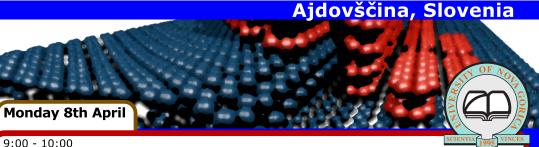
Graphene School

from fundamental properties to applications 8th - 11th April 2013



Jose Gonzalez Carmona (ICMM-CSIC Madrid, Spain): Electronic properties of Graphene

10:00 - 12:00

Andreas Isacsson (Chalmers, Sweden): Mechanical properties and Continuum models of graphene mechanics

14:00 - 15:00

Victor Gueskine (Mons University, Belgium): Structural and electronic properties of graphene-organic hybrids: Modeling insights

15:00 - 17:00

Practical session on computer based graphene modeling

Tuesday 9th April

9:00 - 10:00

Jose Angel Martin-Gago (ICMM-CSIC Madrid, Spain): Adsorbates on Graphene

10:15 - 11:00

Jose Gonzalez Carmona (ICMM-CSIC Madrid, Spain): Confinement of charge by pseudomagnetic fields in graphene.

11:00 - 12:00

Karsten Horn (Max Planck Institut Berlin, Germany): Electronic structure of Graphene on metals and silicon carbide investigated by photoemission

14:00 - 15:00

Gvido Bratina (UNG, Slovenia): Measurement of transient photocurrents: a tool to charaterize charge carrier transport in graphene-based thin-film structures

15:00 - 17:00

Practical session on Time-of-Flight characterization of Graphene

Wednesday 10th April

9:00 - 11:00

Vanya Darakchieva (Linköping University, Sweden): THz to deep ultraviolet spectroscopic ellipsometry and Optical Hall effect: novel approaches to study electronic properties of epitaxial graphene

11:00 - 12:00

Vincenzo Palermo (CNR Bologna, Italy): Touching graphene: structural and electrical characterization of monoatomic materials by scanning probe microscopy

14:00 - 15:00

Maurizio Prato (Carbon Nanotechnology Group): Chemistry of Graphene and Applications

15:00 - 17:00

Practical session on AFM, EFM and KFM of Graphene

19:00 Social dinner

Thursday 11th April

9:00 - 11:00

Luigi Colombo (Texas Instruments Inc.): Graphene growth and device integration

11:00 - 12:00

Francesco Bonaccorso (University of Cambridge, UK): Solution processing of graphene and Raman spectroscopy

please check webpage for detailed programme

Organizing Committee

Gvido Bratina Egon Pavlica Vesna Mržek Manisha Chhikara

Advisory Board

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Participants who don't need lodging please just inform us on graphene@ung.si so that we prepare enough space. The event is free of charge. Lectures are in English.

This event is supported by the European Science Foundation (ESF) under the EUROCORES Programme EUROGRAPHENE

http://www-lfos.ung.si/graphene-workshop