



GraphITA



CNR IMM-Bologna



Università dell'Aquila

**A Multidisciplinary and Intersectorial
European Workshop on Synthesis, Characterization
and Technological Exploitation of Graphene**

15-18 May 2011
Gran Sasso National Laboratories
Assergi - L'Aquila, Italy

Second circular and call for papers



GraphITA
<http://graphita.bo.imm.cnr.it>

GraphITA Workshop

In the latest years graphene based research has witnessed a tremendous explosion. This two dimensional "dream" material has come into the main spotlight of fundamental and applied research in diverse nano-science fields, but surprisingly rapidly, it has also attracted the interest of major stakeholders in the private sector (especially industries in the ICT sector). The technological exploitation of graphene can be considered to be based on four fundamental interconnected wide topics: growth and synthesis methods, nano-structuring and tailoring of graphene properties, structural and physical characterization, and device design and applications.

The aim of the workshop is to bring together scientists and engineers working on different technological uses of graphene in a multidisciplinary and multisectorial (academia/industry) environment. Participants will be offered the chance to meet world class leading scientists in the field. The scope of the workshop is to informally network all the participants to enhance their potential research on graphene. Participation of early stage researchers, PhD students and post-docs is strongly encouraged.

Sponsors





Organization

Chairs

Luca Ottaviano, Physics Department, University of L'Aquila (Italy)

Vittorio Morandi, CNR, Institute for Microelectronics and Microsystems - IMM, Bologna (Italy)

Local committee

Luca Ottaviano, University of L'Aquila, Italy;

Vittorio Morandi, CNR, IMM - Bologna, Italy;

Luca Ortolani, CNR, IMM - Bologna, Italy;

Sandro Santucci, University of L'Aquila, Italy;

Patrizia De Marco, University of L'Aquila, Italy;

Federico Bisti, University of L'Aquila, Italy;

Stefano Prezioso, University of L'Aquila, Italy;

Roberto Aloisio, INFN - Gran Sasso National Laboratories, L'Aquila, Italy;

Rossella Rotesi, University of L'Aquila, Italy.

Secretary office

Dr. Rossella Rotesi

Dipartimento di Fisica, Università dell'Aquila

Via Vetoio, Località Coppito

67100 L'Aquila, Italy

Phone: +39 0862 433012

Fax: +39 0862 433033

E-mail: graphita@aquila.infn.it



Scientific committee

Luca Ottaviano, Università dell'Aquila and INFN (IT)

Sandro Santucci, Università dell'Aquila and INFN (IT)

Vittorio Morandi, CNR Istituto per la Microelettronica e i Microsistemi (IMM-Bologna) (IT)

Elisa Molinari, CNR Istituto di Nanoscienze and Università di Modena e Reggio-Emilia (IT)

Maurizio De Crescenzi, Università di Roma Tor Vergata (IT)

Alberto Morgante, CNR Istituto Officine Materiali (IOM) and Università di Trieste (IT)

Vincenzo Palermo, CNR Istituto Sintesi Organica e Fotoreattività, (ISOF-Bologna) (IT)

Rita Rizzoli, CNR Istituto per la Microelettronica e i Microsistemi (IMM-Bologna) (IT)

Vito Raineri, CNR Istituto per la Microelettronica e i Microsistemi (IMM-Catania) (IT)

Vittorio Pellegrini, CNR Istituto di Nanoscienze and Scuola Normale Superiore di Pisa (IT)

Liberato Manna Istituto Italiano di Tecnologia (IIT-Genova) (IT)

Vittorio Bellani, Università di Pavia (IT)

Carlo Mariani, Università La Sapienza, Roma (IT)

Carla Bittencourt, Université de Mons (BE)

Mauro Varasi, Finmeccanica (IT)

Fabrizio Famá, Micron Technologies (IT)

Girolamo Di Francia, ENEA Napoli (IT)

Marc Monthieux, CNRS CEMES, Tolosa (FR)

Chris Ewels, CNRS IMN Nantes (FR)

Arkady Krasheninnikov, University of Helsinki (FIN)

Vojislav Krstic, CRANN Trinity College Dublin (IRL)

Call for papers

Important dates

2nd Circular and call for papers:	6 November 2010
Deadline for abstract submission:	21 February 2011
Notice of abstract acceptance:	14 March 2011
Final program of the workshop:	21 March 2011
Deadline for early registration:	30 March 2011

Topics

- A. Growth and synthesis
- B. Investigation of fundamental physical properties
- C. Structuring and tailoring of electronic and transport properties
- D. Electronic and opto-electronic nanostructured devices, design and applications
- E. Mechanical, chemical and biological sensing devices and applications
- F. Energy storage and harvesting: devices and applications
- G. Chemistry on graphene
- H. Processes

Registration Fees:

	Early payment	Last minute
Professionals:	200 €	300 €
Students & Postdocs:	150 €	200 €

The conference fees includes: admission badge to the conference site at LNGS, conference materials & gadgets, coffee breaks, three lunches, social dinner, abstract book, and eligibility to submit a 4 pages paper for the conference proceedings (Springer)

Visit graphITA website (<http://graphita.bo.imm.cnr.it>) to view details about the registration procedure and the accepted payment methods.

To submit an abstract online go to <http://graphita.bo.imm.cnr.it/registration.html> and register on the website. You will receive a password required to submit an abstract file.



Invited speakers

Kostya Novoselov, University of Manchester (UK)

Mikhail Katsnelson, University of Nijmegen (NL)

Andrea Ferrari, University Cambridge (UK)

Alain Pénicaud, CNRS CRPP Bordeaux (FR)

Christos Dimitrakopoulos, IBM Research, NY (US)

Marco Polini, CNR, Istituto di Nanoscienze and Scuola Normale di Pisa (IT)

Silvano Lizzit, Elettra, Trieste (IT)

Luciano Colombo, Università di Cagliari (IT)

Ivana Vobornik, CNR, Istituto Officine Materiali - IOM Trieste (IT)

Rocco Martinazzo, Università di Milano (IT)

Filippo Giannazzo, CNR, IMM - Catania (IT)

Alberto Morpurgo, Università di Geneva (CH)

Walter Escoffier, CNRS, LNCMI - Tolosa (FR)

Camilla Coletti, Max Planck Institut, Stuttgart (GER)

Pasqualantonio Pingue, Laboratorio NEST - Scuola Normale Superiore, Pisa (IT)

Costas Galiotis, FORTH/ICE-HT (GR)

Alexander Tzalenchuk, National Physical Laboratory Teddington, London (UK)

Karsten Horn, Max Planck Institut, Berlin (GER)

The title of each talk will be available, along with the final programme, by March, 21st 2011

Conference venue

GraphITA is held at the facilities of the Gran Sasso National Laboratories (LNGS), one of four INFN national laboratories, embedded in the magnificent natural landscape of the Gran Sasso National Park.

It is the largest underground laboratory in the world for experiments in particle physics, particle astrophysics and nuclear astrophysics. It is used as a worldwide facility by scientists, presently 750 in number, from 22 different countries, working at about 15 experiments in their different phases.

It is located between the towns of L'Aquila and Teramo, about 120 km from Rome.

Visit GraphITA website for the detailed information about how to reach the conference site.

Accomodation

Special GraphITA rates are available for attendees at those hotels:

Hotel Fiordigigli

Base Funivia del Gran Sasso
Loc. Fonte Cerreto,
67010 Assergi (AQ)
Phone: +39 0862 606171
E-mail: info@fiordigigli.com

Hotel Nido Dell'Aquila

Loc. Fonte Cerreto,
67010 Assergi (AQ)
Phone: +39 0862 606840
E-mail: hotel@nidodellaquila.it

Visit GraphITA website for the latest informations and a up-to-date list of convetioned hotels.



<http://graphita.bo.imm.cnr.it>
graphita@aquila.infn.it