



XVIII Scuola Nazionale di Scienza e Tecnologia dei Materiali

Hotel Continental Terme, Ischia Porto (NA)

16-20 Luglio 2014

"Carbon-based nano-structured materials: graphene as a new player. Technologies, characterization, applications."

		Mercoledì 16-lug-14	Giovedì 17-lug-14	Venerdì 18-lug-14	Sabato 19-lug-14	Domenica 20-lug-14
Mattina	dalle 09 alle 10		dr. Stefano Fanni (European Patent Office) Protecting your ideas. An introduction to the patent system	dr. Sybren Sijbrandij (Carl Zeiss Microscopy, LLC Ion Microscopy Innovation Center) Helium Ions Microscope: a new tool for new players	CO 10 prof. Roman Sordan (POLIMI) Graphene electronic devices and circuits	CO 16 prof. Gaetano Guerra (UniSA) Graphene Oxide and Reduced Graphene Oxide as Nanofiller and Catalyst for Polymer Composites
	dalle 10 alle 11		CO 1 prof. Frank Hauke (ZMP e Univ. Erlangen-Nuernberg) Common Concepts in Covalent Carbon Allotrope Chemistry	CO 07 prof. Furio Gramatica (UniMI - Sez. Don Gnocchi) Challenges in Nanomedicine: the European effort	CO 11 prof. Iannotta Salvatore (CNR-IMEM) Carbon based (electronic) devices for sensing and bio-sensing	CO 17 prof. Roberto Scaffaro (UniPA) Processing and properties of thermoplastic polymer based graphene nanohybrids
	break dalle 11 alle 11:30		break dalle 11 alle 11:30	break dalle 11 alle 11:30	break dalle 11 alle 11:30	break dalle 11 alle 11:30
	dalle 11:30 alle 12:30		CO 02 prof. Maurizio Prato (UniTS) Synthesis and application of functionalized carbon nanoforms 1	CO 08 prof. Maurizio Prato (UniTS) Synthesis and application of functionalized carbon nanoforms - 2	CO 12 Prof. Maria Sabrina Sarto (UniRM1) Piezoresistive effect in graphene-based polymer composites for strain sensing applications	CO 18 prof. Giovanni Camino (PolITO) Nanocomposite polymeric systems based on CNT and graphene: effects on the thermal conductivity and combustion performances
	dalle 12:30 alle 13:30		CO 03 prof. Ester Vazquez (UCLM) Non-conventional methods and media for the activation and manipulation of carbon nanoforms	CO 09 prof. Michele Pavone (UniNA) Perspectives and challenges in theoretical modeling of graphene-based functional materials	CO 13 prof. Francesco Bonaccorso (IIT e Univ. Cambridge) Solution processing and characterization of graphene and carbon nanotubes	CO 19 prof. Liam Britnell BGT Materials Ltd (Manchester) Graphene for industrial applications
	Pausa Pranzo dalle 15:00 alle 16:00	APERTURA della SCUOLA	Pausa Pranzo dalle 13:30 alle 16:00	Pausa Pranzo dalle 13:30 alle 16:00	Pausa Pranzo dalle 13:30 alle 16:00	Pausa Pranzo dalle 13:30 alle 16:00
Pomeriggio	dalle 16 alle 17	prof. G. Centi (UniME) Opportunities for young researchers inside the EU programme "Marie Skłodowska-Curie actions (MSCA)"	CO 04 prof. Alberto Bianco (CNRS IBMC Strasburgo) How chemistry alleviates toxicity of carbon nanomaterials		CO 14 prof. Andrea Ferrari (Cambridge Graphene Centre) Raman Spectroscopy of Graphene and Related Materials	
	dalle 17 alle 18	Presentazioni flash di 2 minuti di ogni partecipante	CO 05 prof. Candida Milone (UniME) Large scale synthesis of Carbon Nanotubes	Pomeriggio Libero	CO 14 prof. Andrea Ferrari (Cambridge Graphene Centre) Raman Spectroscopy of Graphene and Related Materials	
	break dalle 18 alle 18:30	break dalle 18 alle 18:30	break dalle 18 alle 18:30		break dalle 18 alle 18:30	
	dalle 18,30 alle 19:30	Presentazioni flash di 2 minuti di ogni partecipante	CO 06 prof. Camilla Coletti (IIT@NEST) Growth, characterization and tailoring of large area graphene: from epitaxial graphene on SiC to CVD graphene		CO15 Dr. Andrea Liscio (CNR-ISOF) Graphene-based Composites for Industrial Applications	

CO: Comunicazione Orale di 1 ora (di cui 45/50 min presentazione + domande)

Cordinazione contenuti interni conferenze

Dalcanale
Coletti
Bianco
Prato
Piazza