

Day	Surname	type	Title
Monday 23	Monday 14:30-14:40		
	Welcome		
	Monday 14:40-16:15		
			Carrier-transport properties - Chair: G. Guerra
	Boggild	Invited	Carrier mobility and density mapping of large-scale graphene
	Makk	Invited	Electron optics in ballistic graphene
	Polini	Invited	Hydrodynamic electron transport in a graphene field effect transistor
	Bonaccorso	Invited	Graphene, related two-dimensional crystals and hybrid structures for energy applications
	Profeta	Oral	Interface effects on the electronic and electron-phonon coupling of graphene
	Monday 16:45-18:30		
		Electric and magnetic properties - Chair: C.F.J. Flipse	
Ki	Invited	Electronic interactions in <i>N</i> -layer graphene: Fractional Quantum-Hall effect and Even-Odd insulating behavior	
Hagymasi	Oral	Magnetism and entanglement in graphene nanoribbons	
Vacacela	Oral	Dielectric Screening and Plasmon Resonances in periodic arrays of armchair graphene nanoribbons: a time depend density functional theory approach	
Carlomagno	Oral	Magnetic and Structural anisotropy of Cobalt thin films intercalated under Graphene	
Merkoçi	Invited	Graphene-based Platforms for Biosensing Applications	
Liscio	Invited	Fragmentation of 2D materials: New strategies for structural analysis and 2D metrology	
Tuesday 24	Tuesday 8:30 -10:15		
			Fabrication methods - Chair: P. Ciambelli
	Casiraghi	Keynote	Raman Spectroscopy of Graphene and Related Materials
	Eres	Invited	Kinetics Mechanisms of Large-Area Single-Crystal Graphene Growth
	Yakimova	Invited	Progress in properties control and application trends of large area graphene on SiC
	Lupina	Invited	Development of a technology platform for wafer-scale fabrication of graphene devices
	Vignaud	Invited	Molecular beam epitaxy of single to few layer graphene on SiC, growth and electronic properties
	Tuesday 10:45 -12:15		
			Fabrication methods - Chair: G. Eres
	Scaparro	Oral	CVD growth of Graphene on Ge(100): a characterization route of the "as grown" system
	Rigoni	Oral	Transfer of CVD-grown graphene for room temperature gas sensors
	Willinger	Oral	Direct Observation of CVD Graphene Growth and Related Surface Dynamics of Active Metal Catalysts by In-situ Scanning Electron Microscopy
	Wang	Oral	The stacking sequence of graphene revealed by <i>in-situ</i> SEM observation of CVD growth and hydrogen etching
	Komissarov	Oral	Nitrogen doped twisted graphene grown by atmospheric pressure chemical vapor deposition
	Davies	Oral	Raman Studies of Strain-Engineered Graphene Grown on Boron Nitride by Molecular Beam Epitaxy
Tuesday 14:30 -15:55			
		Graphene Applications - Chair: C. Casiraghi	
Duesberg	Keynote	Synthesis and Applications of 2-Dimensional Layered Materials	
Barbara	Invited	Nanostructured graphene for terahertz technology	
Goswami	Invited	Ballistic Josephson junctions in edge-contacted graphene	
Meir	Invited	Edge reconstruction in Graphene and other two-dimensional systems	
Tuesday 16:25 -17:30			
		Graphene functionalization - Chair: S. Navalon	
Ottaviano	Invited	Fundamental properties and some applications of Graphene Oxide	
Kapitanova	Oral	Formation of Self-Assembled Graphene/Graphene Oxide memristors through the photocatalytic oxidation	
Longo	Oral	Laser induced reduction of GO prepared by a novel modified Hummers' method	
Barbera	Oral	Selective edge functionalization of graphene layers with hydroxyl groups for the preparation of flexible conductive carbon paper	
Tuesday 17:30 -19:00			
POSTER SESSION			
Wednesday 25	Wednesday 8:30 -10:20		
			Graphene functionalization - Chair: G. Duesberg
	Penicaud	Invited	Additive Free, Single Layer Graphene in Water
	Maimonatonou	Oral	Tuning fluorine distribution inside graphite oxifluorides
	De Sanctis	Oral	Molecularly defined photodetectors in FeCl ₃ -intercalated graphene
	Nebogatikova	Oral	Composite films based on graphene oxide and fluorographene suspensions mixture
	Debiemme-Chouvy	Oral	One-step reduction of graphene oxide by a reduced Keggin-type polyoxometalate and nanocomposite formation
	Batisse	Oral	Thermal and electrochemical exfoliation of fluorinated graphite
	Kondratowicz	Oral	Structural and electrical properties of reduced graphene oxide foams
	Wednesday 10:50 -12:40		
			Molecular Interactions and Catalysis - Chair: A. Penicaud
	Navalon	Invited	Graphenes as metal-free (photo)-Fenton catalysts
	Accocella	Oral	Graphene Oxide as Catalyst and Filler in Thermosets Resins: New Perspectives and Applications
	Lamberti A.	Oral	Laser-induced graphene: a versatile material for the fabrication of flexible electrochemical supercapacitors
	Galimberti	Oral	Serinol derivatives for the preparation of few layers graphene
Flipse	Oral	Water induced enhancement of epitaxial graphene sensitivity to NO ₂	
Blonski	Oral	Atomic-Scale Model of Reversible Wettability Transition of Defective Graphene	
Guerra	Oral	Chitosan, a serinol derivative and few layers graphene. from carbon paper to aerogel	
Wednesday 14:30 -19:00			
EXCURSION			
Thursday 26	Thursday 8:30 - 10:20		
			Graphene and superconductivity - Chair: G. Profeta
	Nigge	Invited	Evidence for superconductivity in Li-decorated monolayer graphene
	Covaci	Invited	Superconducting proximity effect in strained/disordered graphene
	Bouchiat	Invited	Gate-Tunable Proximity 2D macroscale Superconductivity in Hybrid Graphene Devices
	Ichinokura	Invited	Superconductivity in Calcium-Intercalated Bilayer Graphene Detected by in situ Resistivity Measurements in Ultrahigh Vacuum
	Jouault	Oral	Hysteretic collapse and revival of the Josephson supercurrent in Al contacted graphene on SiC
	Guarcello	Oral	Effect of non-Gaussian noise sources on the Distributions of switching currents in <i>graphene</i> Josephson junctions
	Thursday 10:50-12:20		
			Electronic devices - Chair: A. Di Bartolomeo
	Giannazzo	Invited	Graphene heterostructures with wide bandgap semiconductors
	Nouchi	Invited	Metallic Electrode Contacts to Layered Semiconductors
	Van Engers	Oral	Direct Measurement of the Surface Energy of Graphene and Ultra-flat Transfer Method
	Kakanakova	Oral	h-AIN and towards van der Waals stacks of few-layer h-AIN with graphene
	Nagashio	Invited	Dielectric breakdown of hexagonal Boron Nitride
Thursday 14:30-15:50			
		EM and Mechanical - Chair: P. Boggild	
Lambin	Invited	Graphene/polymer multilayers with tailored microwave shielding effectiveness	
Silvain	Oral	Graphene surface treatment, fabrication and characterization of metal/graphene composite materials	
Bartali	Oral	Gas bubbles interaction with graphite based materials and graphene/PDMS composite immersed in water, thermodynamics properties and stability	
Hess	Oral	Is Graphene the Strongest Material?	
Brelati	Oral	Graphene and possible Aeronautical Applications	
Thursday 16:20-17:40			
		Supercapacitors, energy and electrochemical applications - Chair: P. Hess	
Marasso	Oral	A 3D flexible micro supercapacitor based on graphene composite	
Casa	Oral	Silver nanoparticles decorated on graphene for electrochemical applications	
Landi	Oral	Differences between graphene and graphene oxide in gelatin based systems for biodegradable energy storage applications	
Krashennikov	Invited	Native and irradiation-induced defects in two-dimensional inorganic materials	
Maiti	Oral	Few-layered graphene oxide embedded 1DPhC microcavity for amplified spontaneous emission source	
Thursday 20:00 -			
SOCIAL DINNER			
Friday 27	Friday 9:00 - 10:15		
			Synthesis, properties, applications - Chair: P. Lambin
	Gueorguiev	Oral	Pure and functionalized XBi and XB ₃ (X = B, Al, Ga, In) sheets for applications as topological insulators
	Rubano	Oral	Oxide-interface charge carrier dynamics investigated by optical Second Harmonic Generation
	Lazar	Oral	Adsorption of Small Organic Molecules on Graphene and related 2D materials
	Pruneanu	Oral	Applications of graphene-based composites
	Budania	Oral	Effect of Post-Exfoliation Treatments on Mechanically Exfoliated MoS ₂
	Friday 10:45 - 11:45		
			Synthesis, properties, applications - Chair: S. Ichinokura
	Lamberti P.	Oral	Comparison of Morphological and Electrical Properties of a Structural Resin Reinforced with two different Exfoliated Graphite Particles
Filatrella	Oral	An enemy of technological substitution: the "sailing ship effect"	
Jhang	Oral	Selective deformation of MoS ₂ monolayer by illuminating laser and magnetotransport of 2D materials probed up to 60 T	
Raidongia	Oral	Nanofluidic Ion Transport through Restacked 2D Nanomaterials	