

Thurs. 18 Nov.		Symposium Programme	
8:30-09:00	Registration		
9:00-09:30	Welcome by the ESF <i>A. Helman: EuroGRAPHENE EUROCORES Programme</i>		
09:30-10:30	Theory & properties: CONGRAN <i>L. Covaci: Strained graphene Josephson junctions (30')</i> <i>A. Jacobsen: Three-terminal junctions in graphene (15')</i> <i>S. Dröscher: Quantum capacitance in graphene (15')</i>	Chair: V. Falko	
10:30-11:00	Coffee break		
11:00-12:00	Theory & properties: ENTS <i>P. Hakonen: Towards Entangled Spin Pairs in Graphene (30')</i> <i>P. Recher: Creation of mobile spin-entangled electrons using superconductors (15')</i> <i>M. Wimmer: Graphene edge states and spin detection (15')</i>	Chair: V. Falko	
12:00-13:00	Novel devices and nanostructures: ELOGRAPH <i>U. Schwalke: Carbon for Nanoelectronics: From Nanotubes to Graphene (15')</i> <i>J.P. Ginsel: CVD assisted fabrication of graphene layers for field effect device fabrication (15')</i> <i>D. Pourfath: The effect of line edge roughness on electronic transport in graphene nanoribbons(15')</i> <i>T. Zimmer/Fregonese: A versatile compact model for ballistic 1D transistor: Applications to GNRFET and CNTFET (15')</i>		
13:00-14:00	Lunch		
14:00-14:30	Invited talk <i>V. Falko: Bilayer graphene under strain</i>	Chair: C. Casiraghi	
14:30-15:30	Hybrid and composite materials: SpinGraph <i>K. Horn: Electronic structure and many body effects in epitaxial graphene (30')</i> <i>Y. Dedkov: Growth and electronic properties of graphene on metals (30')</i>		
15:30-16:30	Hybrid and composite materials: GOSPEL <i>V. Palermo: The supramolecular chemistry of graphenes: introduction to GOSPEL project (10')</i> <i>A. Liscio: Graphene-organic composites for field-effect transistors (25')</i> <i>Y. Hernandez: Chemical Synthesis of Graphene and Graphene Nanoribbons (25')</i>		
16:30-17:00	Coffee break		
17:00	Invited talks (open)	Chair : P. Samori	
17:00-17:45	<i>J. Hone, Columbia University, US</i>		
17:45-18:30	<i>L. Colombo, Texas Instruments, US</i>		
20:00	Symposium dinner – 'Maison Kammerzell'		
Fri. 19 Nov.			
9-9:30	<i>T. Seyller: DFG priority programme on Graphene (30')</i>	Chair : U. Schwalke	
9:30-10:00	<i>A. Isacsson: EC project RODIN (30')</i>		
10:00-10:30	Discussion on joint activities and synergies		
10:30-11:00	Coffee break		
11:00-12:00	Graphene on SiC : EPIGRAT <i>E. Janzén: Introduction to EPItaxial GRAPhene Transistor (15')</i> <i>C. Virojanadara: Characterization and functionalization of epitaxial graphene on SiC (10')</i> <i>J. Baranowski: Growth and characterization of Epitaxial Graphene (20')</i> <i>N. Rorsman: Device activities in EPIGRAT (15')</i>		
12:00-13:00	Graphene on SiC : GRAPHIC-RF <i>V. Raineri: Graphene on SiC for high frequency devices: introduction to GRAPHIC-RF project (15')</i> <i>T. Seyller: The growth of graphene layers on large area hexagonal SiC wafers (15')</i> <i>A. La Magna: The transport properties in graphene: when theory met experimental (15')</i> <i>R. Yakimova: The growth of graphene on SiC: from exagonal to cubic substrates (15')</i>		
13:00-14:30	Lunch		
14:30-16:30	CRPs working meetings		
16:30	Symposium ends		