

## RESEARCH CONFERENCES

## ESF-FWF Conference Graphene Week Obergugl • Austria • 2 – 7 March 2009

	List of Accepted Posters						
	Surname	First Name	Poster Title				
1.	Abergel	David	Long range Coulomb interaction in bilayer graphene				
2.	Baranowski	Jacek	Defects in Epitaxial Graphene				
3.	Barreiro	Amelia	Ultra-high electron current through graphene devices and its application				
4.	Barroso	Fabienne	Adsorption phenomenon in graphite oxide				
5.	Benjamin	Colin	Graphene Josephson Qubit				
6.	Bennaceur	Keyan	Hall resistance plateaus in high quality Graphene samples at large currents				
7.	Bistritzer	Rafi	High Tc superfluidity in bilayer graphene				
8.	Borghi	Giovanni	Four-band RPA theory of exchange and correlation effects in bilayer graphene				
9.	Borini	Stefano	Quantitative optical contrast analysis for the assessment of graphene quality				
10.	Borysiuk	Jolanta	High-resolution transmission electron microscopy (HRTEM) simulations of graphene layers on 4H-SiC (0001) surface				
11.	Camara	Nicolas	Very Large Graphene Monolayer Grown on SiC				
12.	Cano	Andres	Koshino-Taylor effect in graphene				
13.	Castro	Eduardo	Gaped bilayer graphene in the Hartree-Fock approximation				
14.	Cresti	Alessandro	Current manipulation in graphene nanoribbons				
15.	Danneau	Romain	Shot noise in etched graphene nanoribbons				
16.	Droescher	Susanne	Local oxidation of graphene				
17.	Drut	Joachim	The semimetal-insulator transition in graphene.				
18.	Fisher	Andrea	Collective Excitations in Graphene in a Magnetic Field				
19.	Fuchs	Jean-Noël	Collective excitations of doped graphene in a strong magnetic field				
20.	Gava	Paola	Band gap opening on doped bilayer graphene by ab-initio calculations				
21.	Gorbachev	Roman	Electron transport in p-n-p graphene structures with 'air-bridge' top gates				

22.	Güttinger	Johannes	Graphene Quantum Dots in Magnetic Fields
23.	Haugen	Håvard	Superconducting transport properties of a three-terminal kink-junction in graphene
24.	Khomyakov	Petr	Nonlinear screening of charges induced by metal contacts in graphene
25.	Kölbl	Dominikus	Fabrication of side-gated graphene quantum dots
26.	Krauss	Benjamin	Laser-induced disassembly of a graphene single crystal into a nano-crystalline network
27.	Lahde	Timo Arvid	Lattice Monte Carlo studies of quantum critical phenomena in graphene.
28.	Lazzeri	Michele	Structure, Stability, Edge States and Aromaticity of Graphene Ribbons
29.	Leenaerts	Ortwin	Graphene: a perfect nanoballoon
30.	Liu	Xing Lan	Coulomb blockade in graphene nano-ribbons
31.	Lohmann	Timm	4-terminal transport in chemically doped graphene pn-junctions
32.	Lombardo	Antonio	Graphene Nanoribbons by Nanowire Lithography
33.	Lüdtke	Thomas	Transport in decoupled graphene layers
34.	Mucha-Kruczynski	Marcin	Theory of ARPES and magnetooptical measurements of bilayer graphene grown on SiC
35.	Nemec	Norbert	Ab initio Quantum Monte Carlo study of interlayer binding in graphitic nanostructures
36.	Norimatsu	Wataru	Transmission electron microscope observation of the interface between graphene and 6H-SiC (0001)
37.	Ojeda	Claudia	Tunning the proximity effect in graphene
38.	Pichler	Thomas	Pristine and intercalated graphite revisited: A key to graphene
39.	Raineri	Vittorio	Nanoscale capacitive behaviour of graphene on SiO2
40.	Van De Ruit	Kevin	Epitaxial graphene: a correlated system?
41.	Russo	Saverio	Tunable band structure in double gated trilayer graphene
42.	Ryzhii	Maxim	Graphene-based terahertz lasers and detectors: Physics and feasibility of realization
43.	Schmidmeier	Silvia	Transport measurements in width modulated graphene nanoribbons
44.	Schomerus	Henning	Pseudospintronics in bilayer graphene
45.	Soldano	Caterina	Resist-free approach for contacting graphene and few-layer graphene
46.	Stoeberl	Ulrich	Graphene on various substrates
47.	Stoehr	Rainer	The non-linear optical properties of single and multilayer graphene

48.	Teweldebrhan	Desalegne	Electron-Beam Irradiation Damage of Graphene and Graphene Devices
49.	Tworzydlo	Jakub	Finite difference method for transport properties of massless Dirac fermions
50.	Van Der Veen	Marleen Helena	Controlled thinning of few-layer graphite to graphene
51.	Veligura	Alina	Building a molecular detector with graphene
52.	Wang	Jun	Broadband Nonlinear Optical Response of Graphene Dispersions
53.	Wehling	Tim Oliver	Adsorbates on graphene: Impurity states and electron scattering
54.	Widenkvist	Erika	Fabrication of graphene by bromine-intercalation and sonochemical exfoliation
55.	Williams	James	Quantum Hall Effect in Two-Terminal Graphene Devices
56.	Wirtz	Ludger	Electron-phonon coupling in graphene within the GW-approximation
57.	Wurstbauer	Ursula	Magnetotransport on evenly curved graphene and thin graphite
58.	Young	Andrea	Quantum transport and Klein tunneling in graphene heterojunctions
59.	Yu	Ting	Engineering band structure of graphene by chemical decoration
60.	Yutsis	llan	Thermopower measurements on single layer graphene