

# ESONN 2007

## POSTER SESSION- 28<sup>th</sup> August

### POSTERS TITLES

<b>Mazliana</b>	<b>Ahmad Kamarudin</b>	Properties of GaSb/GaAs Quantum Dots for Different Growth Conditions.
<b>Arman</b>	<b>Ahnood</b>	Nanocrystalline Silicon for High Performance Electronics with Low Process Temperature
<b>Carles</b>	<b>Altimiras</b>	DYNAMICAL COULOMB BLOCADE IN SHORT COHERENT CONDUCTOR
<b>Nan</b>	<b>An</b>	
<b>Joao</b>	<b>Araujo</b>	Co Thin Film Deposited On Nanoporous Alumina Templates: from antidot arrays to continuous layers
<b>Susanna</b>	<b>Aura</b>	Novel hybrid material for microfluidic devices
<b>Andrea</b>	<b>Baserga</b>	SPM Imaging of Biomolecules and Functionalized Surfaces
<b>Stefano</b>	<b>Bonetti</b>	Origin of the failure of the BDR model at high bias: effect of electric field screening
<b>Andrés</b>	<b>Castellanos-Gómez</b>	Procedure for the preparation of graphene samples using PDMS stamps
<b>Fidel Antonio</b>	<b>Castro Smirnov</b>	Radiation interactions with biosystems at the nano and meso-scale: a qualitative approach
<b>Alexei</b>	<b>Chepelianski</b>	Out of equilibrium behaviour of periodically driven mesoscopic systems
<b>Francesca</b>	<b>Chiodi</b>	Dynamical effects in AC superconducting/normal metal SQUIDs
<b>Subhadeep</b>	<b>Datta</b>	micro SQUID Magnetometry: Physics & Applications
<b>Virgínia</b>	<b>Ferreira</b>	Self-assembled nanostructures of alkanedithiols with gold nanoparticles - Preparation and Characterisation as DNA biosensors
<b>João</b>	<b>Figueira</b>	New metallomolecular wires based on oligothiophene bridging systems - A systematic study
<b>Giulia</b>	<b>Frucci</b>	Kondo-like behavior in SiGe Quantum Point Contacts
<b>Alessandro</b>	<b>Gaggero</b>	Characterization of Superconducting Single Photon Detectors fabricated on MgO substrates
<b>Jeppe Vilstrup</b>	<b>Holm</b>	Gate dependent cotunnling in carbon nanotubes
<b>Robert</b>	<b>Koester</b>	MOVPE Growth of Nitride Nanowires and their optical properties
<b>François</b>	<b>Konschelle</b>	Anomalous fluctuation regimes at the FFLO transition
<b>Robb</b>	<b>Kulin</b>	A New Light on Bone Fracture
<b>Maureen</b>	<b>Lagos</b>	Structural Effects on Quantization of Atomic-Size Gold Wires at Low Temperatures
<b>Sylvain</b>	<b>Lecoultre</b>	Absorption spectroscopy of size-selected silver cations embedded in a doped rare gas matrix
<b>Shannon Doane</b>	<b>Lewis</b>	Chemical Vapor Sensing with Novel Coupled Channel Organic Semiconductor and Silicon Field Effect Transistors

<b>Jarkko</b>	<b>Lievonen</b>	Environmental chamber for an atomic force microscope
<b>Gabriela</b>	<b>Lorite</b>	Interaction Between Dibucaine and Supported Lipid Bilayers: Structural and Elastic Properties
<b>Claude</b>	<b>Loverdo</b>	Intermittent search
<b>Roman</b>	<b>Major</b>	Biomedical coatings produced by hybrid PLD
<b>Piotr</b>	<b>Matyba</b>	POLYMER LIGHT-EMITTING ELECTROCHEMICAL CELLS
<b>Conor</b>	<b>McLoughlin</b>	Field Emission and Time of Flight Mass Spectrometry of ZnO Nanoclusters
<b>Alexandra</b>	<b>Nafari</b>	In situ TEM force measurements
<b>Venkata</b>	<b>Narayanan</b>	Nanostructures Stabilized in Ionic Liquids as Substrate for SERS
<b>Nonappa</b>		Direct Imaging of the Collapse of SAFINs Derived from Bile Acid Based Organogelators
<b>Gian Paolo</b>	<b>Papari</b>	Transport properties in YBCO Josephson Junctions and nanostructures
<b>Johan</b>	<b>Persson</b>	phase locked spin torque oscillator and the impact of device variability and time delay
<b>Ivana</b>	<b>Petkovic</b>	Phase dynamics of magnetized Josephson junctions
<b>Manoel</b>	<b>Pires</b>	Investigation of exchange bias in Fe/EuTe(111) bilayers
<b>Biji</b>	<b>Pullithadathil</b>	Electron Transport Through Surface-Confined Highly Oriented Nanostructures
<b>Dario</b>	<b>Quintavalle</b>	The fulleride polymer Mg5C60
<b>Vincent</b>	<b>Schaller</b>	Investigation of the motion of magnetic nanoparticles in a magnetic field gradient
<b>Pasquale</b>	<b>Scopelliti</b>	High-throughput protein adsorption studies on cluster-assembled nanostructured TiO2 thin films
<b>Gintare</b>	<b>Statkute</b>	Electrical characterization of nanowires
<b>Zsolt</b>	<b>Szekrényes</b>	Infrared spectroscopy of self assembled supramolecular networks
<b>Dayane Batista</b>	<b>Tada</b>	Nanoparticles with Methylene Blue and Thionin for Photodynamic Therapy
<b>Andrey</b>	<b>Timofeev</b>	JOSEPHSON JUNCTIONS AS DETECTORS OF HIGH FREQUENCY SHOT NOISE IN MESOSCOPIC CONDUCTORS
<b>Simon</b>	<b>Tricard</b>	Controlled construction of molecular devices on surfaces: toward study of single molecular magnetic objects
<b>Joao</b>	<b>Ventura</b>	Electromigration in tunnel junctions
<b>Nathan</b>	<b>Vercruyssen</b>	Electron cooling in SINIS junctions
<b>Florence</b>	<b>Volatron</b>	Controlled construction of molecular devices on surfaces: toward study of single molecular magnetic objects
<b>Maciej</b>	<b>Zgirski</b>	EXPERIMENTAL EVIDENCE OF QUANTUM PHASE SLIP PHENOMENA IN ULTRA-NARROW SUPERCONDUCTING NANOWIRES