

## MSS-12 Poster Session Listing

by submitter/presenter's last name

<b>Poster Session A</b>	Monday, July 11 <sup>th</sup> , 2005; 16:00 – 18:00
<b>Poster Session B</b>	Tuesday, July 12 <sup>th</sup> , 2005; 16:00 – 18:00
<b>Poster Session C</b>	Thursday, July 14 <sup>th</sup> , 2005; 16:00 – 18:00

<b>Katherine Aidala</b>	[PA2-139]	<i>Measured and Simulated Images of Cyclotron Orbits in a Two-Dimensional Electron Gas obtained with a Scanning Probe Microscope</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Richard Akis</b> Arizona State University	[PA2-072]	<i>Simulations of Germanium Epitaxial Growth on the Silicon (100) Surface Incorporating Intermixing</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Nikolay Akopian</b>	[PC1-205]	<i>Polarization Indistinguishable Correlated Photons from Spin Blockaded Radiative Cascades in Charged Semiconductor Quantum Dots</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Ashwin Ashok</b>	[PC1-225]	<i>Modeling Ballistic Spin Transport in GaAs/Al<sub>x</sub>Ga<sub>1-x</sub> Heterostructures</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Paola Atkinson</b>	[PA1-157]	<i>Site-control of InAs quantum dot nucleation by ex-situ electron-beam lithographic patterning of GaAs substrates.</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>David Austing</b> National Research Council of Canada	[PB4-059]	<i>Few-electron spin configurations and two-electron singlet-triplet separation in circular and rectangular vertical quantum dot mesas in a magnetic field:</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Markus Beck</b> Universität Erlangen	[PC1-201]	<i>Spatially resolved Faraday rotation measurements of spin transport and strain-induced spin precession</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Devis Bellucci</b> Universita di Modena	[PA1-107]	<i>Magnetic-field controlled localization of electron-hole complexes in tunnel-coupled quantum dots I</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Andrea Bertoni</b> Universita di Modena	[PA1-054]	<i>Control of charge relaxation time in coupled quantum dots through external fields</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Gabriel Bester</b>	[PC3-083]	<i>Theory of Quantum Entanglement in InGaAs/GaAs Quantum Dot Molecules</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication
<b>Anadi Bhattacharjee</b> Universite Paris-Sud	[PC1-124]	<i>Transition metal-doped quantum dots: Optical detection and manipulation of spin states</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Pavel Blajnov</b>	[PC1-121]	<i>Spin Polarization by a Lateral Current in a Single AlGaAs/GaAs Heterojunctions</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Erik Bogaart</b> Eindhoven University of Technology	[PA1-044]	<i>Carrier capture and relaxation through a continuum background in InAs quantum dots</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Dominique Bougeard</b> Technische Universität Muenchen	[PC1-119]	<i>Ferromagnetic Ge(Mn) Nanostructures</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Alexey Bykov</b>	[PA2-029]	<i>Spatial modulation of 2D electron gas in heavily modulation-doped GaAs single quantum well with AlAs/GaAs superlattice barriers</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Franco Carillo</b> Scuola Normale Superiore and INFM	[PB1-213]	<i>In<sub>0.75</sub>Ga<sub>0.25</sub>As on GaAs submicron rings and their application for coherent nanoelectronic devices.</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]

<b>Guillaume Cassabois</b>	[PC1-120]	<i>Breakdown of the frozen exciton spin picture in quantum dots</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Yuan-Huei Chang</b> National Taiwan University	[PC1-037]	<i>Contactless electrodetectance studies of the band filling effect in Ga<sub>1-x</sub>MnxAs and GaAs:Be</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>S. Chen</b>	[PC2-024]	<i>Dielectric Screening for Carbon Nanotubes in a Gating Electric Field</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Shun-Jen Cheng</b> National Chiao Tung University	[PC1-075]	<i>Paramagnetism of Interacting Few-Electron Quantum Dot with Single Magnetic Impurity</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Chon-Sarr Chu</b> National Chiao Tung University	[PC1-192]	<i>Effects of impurity on the dc spin current generation in a Rashba-type channel</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Dan Csontos</b>	[PB4-092]	<i>Spin injection and accumulation in inhomogeneous semiconductors</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Russell Deacon</b> University of Oxford	[PA2-187]	<i>Stark Magnetophonon Resonance in Strongly Coupled InAs/GaSb Superlattices</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Jozef Devreese</b> Universiteit Antwerpen	[PA2-102]	<i>Resonant magnetopolaron effect in a polaron gas confined to a quantum well in a tilted magnetic field</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Luis Dias da Silva</b> Ohio University	[PA1-025]	<i>Polarization effects in the optical Aharonov-Bohm oscillations in semiconductor quantum rings and type-II quantum dots.</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Gottfried Doehler</b> Universität Erlangen-Nuernberg	[PC2-231]	<i>A monolithically integrated intensity-independent polarization-sensitive switch operating at 1.3 μm based on ordering in InGaAsP</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Holger Eisele</b>	[PB1-230]	<i>Change of InAs quantum dot structures during capping with GaAs</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Holger Eisele</b>	[PB1-232]	<i>Structure of InAs/GaAs quantum dots grown with Sb impurities</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Abdelhamid El Kaouchi</b>	[PC1-105]	<i>Positive magnetoresistance behaviour in the variable range hopping regime in CdSe</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Stephen Fahy</b>	[PB3-250]	<i>Theory of exciton linewidth broadening and reduced mobility in GaNAs alloys</i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Gernot Fasching</b> Vienna University of Technology	[PB1-211]	<i>Single InAs/GaAs quantum dots: Photocurrent and cross-sectional AFM analysis</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Marian Florescu</b> California Institute of Technology	[PC3-127]	<i>Single photons on demand from photonic crystal heterostructures</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication
<b>Marian Florescu</b> California Institute of Technology	[PC3-128]	<i>All-Optical Switching and Micro-Transistor Action in Photonic Crystal Architectures</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication
<b>Marian Florescu</b>	[PC3-136]	<i>One-atom laser in photonic crystals</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication

<b>Marian Florescu</b>	[PC3-216]	<i>Stimulated Raman Scattering in Photonic Crystals</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication
<b>Ken-ichi Fujii</b> Osaka University	[PA2-182]	<i>Novel oscillatory behavior of confined electrons at a twin boundary in ZnSe and at an interface in a GaAs/AlGaAs heterostructure</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Andreas Gärtner</b> University of Munich	[PA2-031]	<i>Dynamics of long-living excitons in tunable potential landscapes</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Martin Geller</b> Technische Universität Berlin	[PA1-047]	<i>Direct observation of tunneling emission to determine localization energies in self-organized quantum dots</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Christian Gerl</b> Universität Regensburg	[PA2-236]	<i>Carbon-doped high mobility hole gases on (001) and (110) GaS</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Sandip Ghosh</b> Tata Institute of Fundamental Research	[PB1-214]	<i>In-plane optical polarization anisotropy of InAs quantum dot ensembles studied using polarized photo-voltage spectroscopy</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Boris Glavin</b> National Academy of Science of Ukraine	[PA2-134]	<i>Resonant enhancement of phonon-electron and photon-phonon coupling in piezoelectric superlattices</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Shinichiro Gozu</b>	[PA2-156]	<i>Transition from type-II to type-I band configuration for InGaAsSb/AlAsSb quantum wells grown on GaAs substrates</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Alex Green</b> Oxford University	[PB1-177]	<i>Two-photon absorption from single InGaN/GaN quantum dots</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Daniel Gruber</b>	[PC1-218]	<i>g-Factor Tuning of 2D Electrons in Double-Gated Si/SiGe Quantum wells</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [III]
<b>Martyna Grydlik</b> Universitaet Linz	[PA3-184]	<i>Resonator fabrication for switchable two-color MIR detection based on SiGe quantum cascade infrared photodetector</i>
		Poster Session A3 - Two-Dimensional Heterostructure Devices
<b>Danylo Grygoryev</b> Humboldt-Universität Berlin	[PB3-117]	<i>Self-organization and morphology of nano-objects investigated by 3D mapping of reciprocal space</i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Vitaliy Guzenko</b>	[PC1-129]	<i>Effect of confinement on the weak anti-localization in InGaAs/InP quasi-1D structures.</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Dejan Gvozdic</b>	[PB4-240]	<i>Beyond the Rashba model</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Pham Hai</b>	[PC1-093]	<i>Spin polarized tunneling in III-V based heterostructures with a ferromagnetic MnAs thin film and GaAs:MnAs nanoclusters</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Teppo Hakkarainen</b> Helsinki University of Technology	[PA2-261]	<i>Photoluminescence and structural properties of GaInNAs / GaAs quantum wells grown by molecular beam epitaxy under different arsenic pressures</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Michael Hanke</b> Martin-Luther-University Halle-Wittenberg	[PA1-015]	<i>Morphology and self-assembling of SiGe/Si(001) nanoscale islands grown by liquid phase epitaxy in the near- and far non-equilibrium growth limits</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Clive Harris</b>	[PB2-222]	<i>Theory of the energy gap of germanium and silicon nanowires</i>

		Poster Session B2 - Quantum Wires
<b>Heather Haugan</b> Air Force Research Laboratory	[PA2-049]	<i>Pushing the Envelope to the Maximum: Short-Period InAs/GaSb type-II Superlattices for Mid-Infrared Detectors</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Lixin He</b>	[PA1-084]	<i>Electronic properties of type-III nanostructures: prediction of an excitonic ground state in self-assembled InAs/InSb quantum dots</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Lixin He</b>	[PB1-085]	<i>Exotic few-particle states in charged self-assembled InAs/GaAs quantum dots</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Rui He</b>	[PC2-228]	<i>Probing ultra-smooth pentacene single monolayers by optical methods</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Sorcha Healy</b>	[PA2-203]	<i>Influence of N cluster states on band dispersion in GaInNAs Quantum Wells</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Jens Herfort</b> Paul-Drude Institute for Solid State Electronics	[PB4-013]	<i>Epitaxial Heusler alloys on GaAs(001) substrates</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Jens Herfort</b> Paul-Drude Institute for Solid State Electronics	[PC1-012]	<i>Temperature dependence of the magnetization of Fe nanodisks on GaAs(001) substrates</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Yen Ho</b> National Cheng Kung University	[PC2-018]	<i>Electronic excitations of double-walled armchair carbon nanotubes</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Jon Ho</b>	[PC2-019]	<i>Temperature-Dependent Electronic Excitations in a 2D Graphite Layer</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Alexander Hoegele</b> Ludwig-Maximilians-Universität	[PA1-132]	<i>Interferometry of a Single Quantum Dot</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Jenn-Shyong Hwang</b> National Cheng Kung University	[PA2-104]	<i>Studies of electro-optical properties and band alignment of InGaPN/GaAs heterostructures by photoreflectance and photoluminescence</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Jenn-Shyong Hwang</b> National Cheng Kung University	[PB3-103]	<i>Studies of Terahertz Radiation from InAlAs and GaAs Surface Intrinsic-N<sup>+</sup> Structures and the Critical Electric Fields of Semiconductors</i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Jenn-Shyong Hwang</b> National Cheng Kung University	[PB3-106]	<i>Effects of epitaxial strain and atomic ordering of InGaPN/GaAs heterostructures</i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Sungwoo Hwang</b> Korea University	[PC2-099]	<i>Gate bias controlled NDR in an in-plane-gate quantum dot transistor</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Jordi Ibanez</b> CSIC	[PA1-078]	<i>Probing the composition of InAs/(AlGa)As and (InAl)As/(AlGa)As self-assembled quantum dots by Raman spectroscopy</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Susumu Ihara</b>	[PB4-074]	<i>Spin-polarized electron transport across a GaAs/GaAs wafer-bonded interface probed by polarized photoluminescence spectroscopy</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Hee Chang Jeon</b>	[PC1-147]	<i>Magnetic isotropic properties of zinc-blende MnAs epilayer grown by MBE</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [III]

<b>Chao Jiang</b> University of Tokyo	[PA1-100]	<i>Remarkd Geometrical Anisotropy in Self-assembled GaSb/GaAs Quantum Dots</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Heongkyu Ju</b> Eindhoven University of Technology	[PC2-112]	<i>Two-photon-absorption-assisted Tera Hz optical gain-modulation in quantum-dot optical amplifiers</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Keisuke Kametani</b> Kyoto University	[PB1-267]	<i>Zinc oxide nanostructures grown by metal-organic chemical vapor deposition on various planes of sapphire</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Gouri Kar</b> Max-Planck-Institute for Solid State Research	[PB1-179]	<i>Ordered SiGe island arrays: Long-range diffusion, free-standing Si bridges and novel device concepts</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Ryuji Katayama</b> The University of Tokyo	[PB3-200]	<i>Buffer design for nitrogen polarity GaN on shapphire(0001) by RF-MBE and application to the nanostructure formation using KOH etching</i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Erich Kaufmann</b>	[PA1-058]	<i>Epitaxial quantum dots from immiscible material combinations: The case of PbTe/CdTe</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Erich Kaufmann</b>	[PC2-166]	<i>Optoelectronic lead-salt devices for integrated mid-infrared gas spectroscopy systems</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Robert Kelsall</b> University of Leeds	[PC2-251]	<i>Modulated Electronic Structures based on Discotic Liquid Crystals</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Robert Kelsall</b> University of Leeds	[PA3-252]	<i>Terahertz Electroluminescence from Si/SiGe Phonon-Depopulation Quantum Cascade Structures</i>
		Poster Session A3 - Two-Dimensional Heterstructure Devices
<b>Slavo Kicic</b> Nanophysics	[PB3-046]	<i>Defect location obtained from scanning a metallic tip close to a quantum point contact</i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Suwit Kiravittaya</b>	[PB1-196]	<i>Quantum dot defects in quantum dot crystals</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Michael Knop</b>	[PB2-101]	<i>Nonlocal versus local rectification in multiply connected electron waveguide structures</i>
		Poster Session B2 - Quantum Wires
<b>Makoto Kohda</b>	[PC1-158]	<i>Effect of different <math>n^{\text{sup}}+&lt;/sup&gt;</math>-GaAs thickness/doping density on spin injection of GaMnAs/<math>n^{\text{sup}}+&lt;/sup&gt;</math>-GaAs Esaki tunnel junctions</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Sato Koichi</b>	[PA2-142]	<i>Magneto-oscillation of mid-gap photoluminescence in AlAs:Yb/GaAs superlattices</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Kazuto Koike</b> Osaka Institute of Technology	[PA2-009]	<i>Characterization of [ZnO]<math>m</math>[ZnMgO]<math>n</math> Multiple Quantum Wells Grown by Molecular Beam Epitaxy</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Jens Königmann</b>	[PB2-113]	<i>Metal-insulator-transition studied by single-electron tunneling</i>
		Poster Session B2 - Quantum Wires
<b>Piotr Kossacki</b> Warsaw University	[PC1-210]	<i>Relaxation dynamics of ferromagnetic domains in (Cd,Mn)Te quantum wells</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Nobuo Kotera</b> Kyushu Institute of Technology	[PA2-065]	<i>Determination of Electron Effective Mass from Optical Transition Energy in InGaAs/InAlAs Quantum Well</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures

<b>Hubert Krenner</b> Technische Universitaet Muenchen	[PA1-081]	<i>Tunable coupling of excitons in single Quantum Dot Molecules</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Santhosh Krishnan</b>	[PC2-219]	<i>A Monte Carlo particle based simulation of hole transport in p-Channel Si MOSFETs</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Dmitriy Krizhanovskiy</b>	[PB1-185]	<i>Individual InGaAs quantum dots with strong in-plane optical anisotropy</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Dmitriy Krizhanovskiy</b>	[PC1-144]	<i>Polarisation of optical parametric oscillator (OPO) emission in a semiconductor microcavity</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Tilmar Kuemmell</b>	[PA1-155]	<i>Structural and Optical Analysis of Size-Controlled InAs Quantum Dashes</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Hidekazu Kumano</b> Hokkaido University	[PC3-245]	<i>Correlations and anti-bunching of a charged exciton state and exciton and biexciton states in a single quantum dot</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication
<b>Takashi Kuroda</b> National Institute for Materials Science	[PB1-162]	<i>Excitonic transitions in semiconductor concentric quantum double-rings</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [III]
<b>Snezana Lazic</b> Universidad Autónoma de Madrid	[PA2-279]	<i>Resonant Raman Scattering in AlGaAs/InGaAsN Multiquantum Wells: Measuring the N concentration</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Rainer Lechner</b> Johannes Kepler Universitaet	[PA1-027]	<i>Dot formation and 2D intermixing driven by cation surface exchange in IV-VI heterostructures</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Rainer Lechner</b> Johannes Kepler Universitaet	[PC1-026]	<i>Strain induced changes in the magnetic phase diagram of metamagnetic heteroepitaxial EuSe/PbSeTe multilayers</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [III]
<b>Sanghoon Lee</b>	[PA1-010]	<i>Temperature-dependent photoluminescence of vertically stacked self-assembled CdSe quantum dots in ZnSe</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Jungil Lee</b> Korea Institute of Science and Technology	[PA1-079]	<i>Energy states in InAs-GaAs quantum dots-in-asymmetric-well infrared photodetector structure</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Sanghoon Lee</b>	[PB4-011]	<i>Enhancement of spin polarization in asymmetrically coupled CdSe and CdZnMnSe quantum dots in ZnSe matrix</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Seung Joo Lee</b> Dongguk University	[PB4-006]	<i>Material dependence of spin currents modulated by electromagnetic barriers in semiconductor nano-wires</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Chi-Te Liang</b>	[PC2-271]	<i>Growth and characterization of GaN/AlGaIn high electron mobility transistors on p-type Si substrates</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Chaoxing Liu</b> Tsinghua University	[PB4-052]	<i>Rashba Interaction as a Yang-Mills Field Applied to One-Dimensional System</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Wolfgang Loeffler</b>	[PC1-145]	<i>Electrical Spin Injection from ZnMnSe into InGaAs-based Quantum Structures</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Maximo Lopez-Lopez</b> CINVESTAV-IPN	[PB1-239]	<i>Photoreflectance study of InAs quantum dots on GaAs(n11) substrates</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]

<b>Chilang Lu</b>	[PC2-076]	<i>Low-Energy Electronic Properties of Multilayer Graphite in an electric field</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>German Luna-Acosta</b>	[PC2-280]	<i>Micro lasers and beam splitters based on chaotic open waveguides</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Lev Magarill</b> Russian Academy of Sciences - Siberian Branch	[PC1-248]	<i>Suppression of spin-orbit effects in 1D system</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Oleg Maksimov</b>	[PB4-063]	<i>Spin relaxation in ZnCdSe epilayers, ZnCdSe/MgZnCdSe quantum wells, and CdSe/BeZnSe quantum dots</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Anton Malko</b> Ecole Polytechnique Federale de Lausanne	[PC3-053]	<i>Single photon emitters based on InGaAs/AlGaAs pyramidal quantum dots.</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication
<b>Andrea Markelz</b> State University of New York at Buffalo	[PA2-255]	<i>Frequency Dependent Momentum Relaxation Rates In 2DEG Systems</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Shunichiro Matsuzaka</b>	[PC1-094]	<i>A systematic study on the anisotropic electron g-factor and hysteric dynamic nuclear polarization in n-GaAs/AlGaAs (110) quantum wells</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Kelly McGroddy</b>	[PC2-269]	<i>Tailoring the properties of photonic crystals for light extraction in GaN</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Cedrik Meier</b>	[PB1-287]	<i>Optical properties of silicon nanoparticles</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Tobias Mensing</b>	[PB1-215]	<i>Magneto-optical investigations of single self assembled In<sub>0.3</sub>Ga<sub>0.7</sub>As quantum dots with high oscillator strength</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Max Migliorato</b> University of Sheffield	[PB3-263]	<i>Modelling of Semiconductor Materials e Nanostructures Using Empirical Potentials</i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Yury Mityagin</b> Russian Academy of Sciences	[PA2-097]	<i>Sequential Resonant Tunneling in Superlattices in Transverse Magnetic Field ? A Probe of the Nonequilibrium Electronic Distribution Function.</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Hideki Momose</b> Osaka University	[PA2-170]	<i>Impurity cyclotron resonance in InGaAs/GaAs and InGaAs/AlAs superlattices grown on GaAs substrates</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Ken Morita</b> Japan Science and Technology (JST)	[PB4-067]	<i>Anomalous spin dynamics due to strong anisotropy in narrow InGaAs (110) quantum wells</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Junichi Motohisa</b> Hokkaido University	[PB2-148]	<i>Fabrication of InP-based axial/radial heterostructure nanowires by selective area MOVPE</i>
		Poster Session B2 - Quantum Wires
<b>Junichi Motohisa</b> Hokkaido University	[PB2-150]	<i>Growth and Optical Properties of Hexagonal Nanowire Arrays</i>
		Poster Session B2 - Quantum Wires
<b>David Mowbray</b> University of Sheffield	[PC2-123]	<i>Optical properties and lasing characteristics of high modulation doped 1.3<math>\mu</math>m InAs self-assembled quantum dots</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Thomas Mueller</b> Technische Universitaet Wien	[PB1-164]	<i>Mid-infrared spectroscopy of bound-to-continuum transitions in InAs/GaAs self-assembled quantum dots</i>

		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Maksym Myronov</b>	[PA2-030]	<i>Diffusion induced hole Hall mobility enhancement in modulation doped SiGe heterostructures grown by SS-MBE</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Seiji Nagahara</b> University of Tokyo	[PC1-262]	<i>Long spin relaxation time in InGaN multi-quantum wells: &lt;br&gt;Suppression of the spin-flip process caused by the phase-separated dot formation</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Toshihiro Nakaoka</b>	[PB1-268]	<i>Quantum confined Stark effect in single self-assembled GaN/AlN quantum dots</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>AKM Newaz</b> State University of New York at Stony Brook	[PA3-091]	<i>Shot-Noise Characteristics of Double-Well Resonant-Tunneling Diodes</i>
		Poster Session A3 - Two-Dimensional Heterstructure Devices
<b>Wing Ng</b> University of Sheffield	[PB1-188]	<i>Intraband and interband spectroscopic studies of rapid thermal annealed quantum dot structures</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Phuong Nguyen</b>	[PA1-007]	<i>Electronic continuum states of InAs/GaAs quantum dots</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Takeshi Noda</b> National Institute for Materials Science (NIMS)	[PC2-161]	<i>Current-voltage characteristics in double-barrier resonant tunneling diodes with embedded GaAs quantum rings</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Hajime Okamoto</b>	[PC2-032]	<i>A Piezoresistive Cantilever Integrating an InAs-based Semiconductor-Superconductor Junction</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Eugene Olshanetsky</b> Russian Academy of Sciences - Siberian Branch	[PA1-039]	<i>Electron transport through antidot superlattices in Si/Si<sub>0.7</sub>Ge<sub>0.3</sub> heterostructures: new lattice-induced magnetoresistance oscillations at low magnetic fields.</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Evgeny Onishchenko</b> Russian Academy of Sciences	[PA1-153]	<i>Photoluminescence of CdSe/ZnSe quantum dots grown on GaAs(001) and Si(001)/Ge substrates</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Kevin Osborn</b>	[PC3-265]	<i>An InGaAs/GaAs quantum dot single-photon source</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication
<b>Ryuji Oshima</b> University of Tsukuba	[PA1-028]	<i>Long wavelength InAs self-assembled quantum dots embedded in GaNAs strain compensating layers</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Ruth Oulton</b>	[PC1-171]	<i>Demonstration of All-Optical, Non-resonant Pumping of Nuclear Spins of Self-Assembled Quantum Dots in Zero Applied Magnetic Field</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Ruth Oulton</b>	[PC1-199]	<i>Optically Induced Spin Coherence in Self-Assembled InGaAs/GaAs Quantum Dots</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [III]
<b>Kazunari Ozasa</b> RIKEN	[PA1-068]	<i>Dependence of photoluminescence of CdSe/ZnS nanocrystals on excitation wavelength</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Heng-Yau Pan</b> Far East College	[PA2-056]	<i>General expressions for quantum transport in arbitrary potential profile: L-electron effect on AlAs-GaAs-AlAs double barrier structure</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Heng-Yau Pan</b> Far East College	[PA2-057]	<i>Analytical bond orbital model: heterobond effect on optical properties of InAs/GaSb superlattices</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures

<b>Amalia Patane</b> University of Nottingham	[PB3-064]	<i>The fragmented band structure of dilute Ga(AsN): fundamental studies and applications</i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Nikos Pelekanos</b>	[PC2-235]	<i>Influence of polarization fields on the lasing properties of III-nitride quantum wells</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Udo Pohl</b> Technische Universität Berlin	[PA1-042]	<i>Formation of multimodal InAs/GaAs quantum dots</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Philip Poole</b> National Research Council of Canada	[PB4-003]	<i>Electron spin-orbit interaction in InGaAs/InP quantum well studied by means of the weak antilocalization and spin-zero effects in tilted magnetic fields</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Mika Prunnila</b> VTT Technical Research Centre of Finland	[PB3-146]	<i>Self-aligned control of doping profiles in semiconductor nanostructures</i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Armando Rastelli</b>	[PB1-241]	<i>Hierarchical self-assembly of quantum dot structures</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Klaus Reimann</b> Max-Born-Institut	[PA3-258]	<i>Phonon sidebands of intersubband absorption in AlGaIn/GaN high-electron-mobility transistors</i>
		Poster Session A3 - Two-Dimensional Heterstructure Devices
<b>Stephan Reitzenstein</b> Universität Wuerzburg	[PC3-217]	<i>Lasing effects of InGaAs quantum dots in high quality AlAs/GaAs micropillar cavities</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication
<b>Dirk Reuter</b> Ruhr-Universität Bochum	[PA1-020]	<i>Influence of a lateral electric field on the optical properties of InAs quantum dots</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Dirk Reuter</b> Ruhr-Universität Bochum	[PC2-021]	<i>Optical beam induced current in planar two-dimensional n-p-n devices</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Marie-Ingrid Richard</b> CEA-GRENOBLE	[PB1-202]	<i>In situ x-ray scattering studies of the 2D-3D transition dur. Ge growth on nominal and patterned Si(001) surfaces1</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Veronika Rinnerbauer</b>	[PA1-152]	<i>Spectroscopic ellipsometry showing quantum confinement effects in layer by layer deposited colloidal HgTe nanocrystal films</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Maximilian Rogge</b>	[PC1-173]	<i>Spin in the transport spectra of a quantum dot with a complex geometry in a magnetic field</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Massimo Rontani</b> Universita di Modena	[PB1-163]	<i>Field-Induced Orbital Blockade in Transport through Double Dots</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Nitin Samarth</b> Pennsylvania State University	[PC1-209]	<i>Magneto-resistance measurements of domain wall trapping in submicron planar (Ga,Mn)As devices</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Piotr Sankowski</b> Polish Academy of Sciences	[PB4-023]	<i>Tight-binding model of spin-polarized tunneling in (Ga,Mn)As-based structures</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Dipankar Sarkar</b> Universidad Autonoma de Madrid	[PB1-168]	<i>Fine structure splitting and biexciton binding energy in single self-assembled InAs/AlAs quantum dots</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Tomohiko Sato</b> University of Tokyo	[PB1-274]	<i>Magneto-optical spectroscopy of single GaSb/GaAs type II quantum dots</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]

<b>Kentarou Sawano</b>	[PA2-062]	<i>Mobility enhancement in strained-Ge modulation-doped structures by planarization of SiGe buffer layers</i>
Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures		
<b>Michael Schardt</b>	[PA2-183]	<i>TE- and TM-polarization resolved spectroscopy on quantum wells under normal incidence</i>
Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures		
<b>Michael Scheibner</b>	[PB1-229]	<i>Long Range Quantum Dot Interaction</i>
Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]		
<b>Martin Schmidbauer</b>	[PA1-004]	<i>Asymmetric Correlation Function Describing the Positional Ordering of Liquid-phase Epitaxy Si-Ge Nanoscale Islands</i>
Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]		
<b>Lutz Schrottke</b> Paul-Drude-Institut	[PA3-077]	<i>Correlation between subband population and threshold current densities in GaAs/(Al,Ga)As quantum-cascade structures/lasers with different barrier heights</i>
Poster Session A3 - Two-Dimensional Heterstructure Devices		
<b>Matthias Schwab</b> Universität Dortmund	[PB1-178]	<i>Controlling emission dynamics with magnetic and electric fields</i>
Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]		
<b>Stefan Seidl</b>	[PA1-070]	<i>Tuning the fine structure of a self-assembled quantum dot by uniaxial strain</i>
Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]		
<b>Tigran Shahbazyan</b>	[PB4-034]	<i>Two-dimensional magnetoexcitons in the presence of spin-orbit interactions</i>
Poster Session B4 - Magnetism and Spin in Nanostructures [I]		
<b>Oleg Shegai</b>	[PA1-159]	<i>Resonance photoconductivity of Si/Ge structures with self-organized QD's</i>
Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]		
<b>Weidong Sheng</b> National Research Council of Canada	[PA1-040]	<i>Electronic and optical properties of InAs/InP self-assembled quantum dots on patterned substrates</i>
Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]		
<b>Satoshi Shimomura</b> Osaka University	[PB2-254]	<i>1.3- &amp;mu;m-range effectively cylindrical In&lt;sub&gt;0.53&lt;/sub&gt;Ga&lt;sub&gt;0.47&lt;/sub&gt;As/In&lt;sub&gt;0.52&lt;/sub&gt;Al&lt;sub&gt;0.48&lt;/sub&gt;As quantum wires grown on (221)A InP substrates by molecular beam epitaxy</i>
Poster Session B2 - Quantum Wires		
<b>Shumway Shumway</b> Arizona State University	[PA2-266]	<i>Quantum Monte Carlo Studies of Exciton-Exciton Scattering in Quantum Wells</i>
Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures		
<b>Martin Sigrist</b> ETH Zurich	[PC2-041]	<i>Few-electron dot fabricated with layered scanning force microscope lithography</i>
Poster Session C2 - Novel Organic and Semiconductor Devices		
<b>Andrey Silov</b>	[PC1-121]	<i>Spin Polarization by a Lateral Current in a Single AlGaAs/GaAs Heterojunctions</i>
Poster Session C1 - Magnetism and Spin in Nanostructures [II]		
<b>Mathias Simma</b> Johannes Kepler Universitaet Linz	[PA2-181]	<i>Deformation potentials and photo-response of PbSe nanostructure</i>
Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures		
<b>Johanna Simon</b>	[PA1-143]	<i>Controlled growth of laterally ordered InAs quantum dots on epitaxially patterned (110) cleavage planes</i>
Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]		
<b>Jin Dong Song</b> Korea Institute of Science and Technology	[PB1-169]	<i>Structural and optical properties of InGaAs/GaAs quantum dots in an InGaAs well using repeated depositions of InAs/GaAs short-period superlattices for the application of optical communication</i>
Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]		

<b>Jin Dong Song</b> Korea Institute of Science and Technology	[PA2-180]	<i>Optical and structural properties of InGaAs/InP double quantum wells grown by MBE with polycrystalline GaAs and GaP decomposition sources</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Jaakko Sormunen</b>	[PB1-189]	<i>Tunable InGaAsP/InP strain-induced quantum dots</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>R. Stevenson</b> Research & Development	[PB1-220]	<i>Cancellation of fine structure splitting in quantum dots by a magnetic field</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Nelson Studart</b> Universidade Federal de Sao Carlos	[PA1-055]	<i>Effect of the alloy composition on the properties of InAs quantum dots grown on a In<sub>x</sub>Ga<sub>1-x</sub>As/InP heterostructure for mid-infrared detection</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Stefan Stuffer</b> Universität Paderborn	[PC3-080]	<i>Manipulations of a qubit in a semiconductor quantum dot</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication
<b>Khan Tarik</b>	[PC2-256]	<i>Study of the DC characteristics features of the Schottky Junction Transistor or SOI - MESFETs</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Alexander Tartakovskii</b> Department of Physics and Astronomy	[PB1-206]	<i>Optically driven electronic and nuclear spin interactions in InGaAs quantum dots</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Alexander Tartakovskii</b> Department of Physics and Astronomy	[PC1-204]	<i>Optical orientation and control of spin-memory in individual InGaAs quantum dots</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Marcos Tavares</b> Faculdade de Tecnologia da Baixada Santista, CEETPS-SP	[PB2-130]	<i>Room temperature effects on coupled plasmon-phonon modes in quantum wires</i>
		Poster Session B2 - Quantum Wires
<b>Joerg Teubert</b>	[PB3-125]	<i>Influence of hydrogenation on the magnetoresistance properties in doped (Ga,In)(N,As)</i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Joerg Teubert</b>	[PB3-126]	<i>Excitation transfer between extended band states and N-related localized states in GaN<sub>x</sub>P<sub>1-x</sub></i>
		Poster Session B3 - Modeling, Processing and Probing Nanostructures
<b>Jane Timpson</b>	[PC3-198]	<i>Polarisation control and single photon emission enhancement of a quantum dot in a three dimensional ultra-high finesse microcavity</i>
		Poster Session C3 - Physics and Devices for Quantum Information and Communication
<b>Kousuke Torii</b>	[PA1-154]	<i>Landau levels in a novel two dimensional electron system interacting with charged quantum dots</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Kousuke Torii</b>	[PB1-165]	<i>Redistribution of photogenerated carriers in neutral and charged InAs quantum dot systems</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Tetsuya Uemura</b>	[PC1-033]	<i>Analysis of anisotropic tunnel magneto-resistance of GaMnAs/AlAs/GaMnAs magnetic tunnel junction</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Pavel Vagner</b>	[PB1-276]	<i>Hartree-Fock versus quantum Monte Carlo study of persistent current in a one-dimensional ring with single scatterer.</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Andy Vidan</b>	[PB1-244]	<i>Three Quantum Dots in a Ring</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Hans-Peter Wagner</b>	[PA1-051]	<i>Relaxation dynamics in a bimodal CdSe/ZnSSe quantum dot distribution</i>

		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Hans-Peter Wagner</b>	[PA2-050]	<i>Exciton induced phase coherent photorefractivity in ZnSe quantum wells</i>
		Poster Session A2 - Formation and Characterization of Quantum Wells and Two-dimensional Heterostructures
<b>Darren Walker</b> University of Nottingham	[PB1-227]	<i>Probing the excited states of ring shaped quantum dots embedded in a quantum well</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]
<b>Xuelun Wang</b> National Institute of Advanced Industrial Science and Technology (AIST)	[PB2-061]	<i>Observation of Strong Fermi-edge Singularity of Ultrahigh Quality Modulation-doped AlGaAs/GaAs Quantum Wires</i>
		Poster Session B2 - Quantum Wires
<b>Helge Weman</b> Ecole Federale Polytechnique de Lausanne (EPFL)	[PB2-190]	<i>Strongly reduced carrier/exciton transfer efficiency between parallel quantum wires: a comparison with quantum wells</i>
		Poster Session B2 - Quantum Wires
<b>Ulrich Wieser</b> Ruhr-Universität Bochum	[PB2-110]	<i>Quantized conductance and bend resistance in an asymmetric Si/SiGe cross junction</i>
		Poster Session B2 - Quantum Wires
<b>Jerzy Wróbel</b> Polish Academy of Sciences	[PB4-045]	<i>Spin filtering and Stern-Gerlach effect in hybrid ferromagnet-GaAs/GaAlAs device</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>S. Wu</b>	[PC2-043]	<i>Electronic Properties of Armchair Carbon Nanotube Array</i>
		Poster Session C2 - Novel Organic and Semiconductor Devices
<b>Wen Xu</b> Australian National University	[PB4-008]	<i>Exchange-enhanced spin-splitting in high-density 2DEGs in the presence of the Rashba effect</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Hong Qi Xu</b> Lund University	[PB2-038]	<i>Electronic structure and giant polarization anisotropy in optical transition of free-standing semiconductor nanowires</i>
		Poster Session B2 - Quantum Wires
<b>Syoji Yamada</b> National Institute of Advanced Industrial Science and Technology (AIST)	[PC1-253]	<i>Side-Gate Control of Rashba Spin-Orbit Coupling in Channels at Narrow-Gap Hetero-Junctions</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Masayuki Yamamoto</b> Sophia University	[PC1-243]	<i>Spin polarization induced by Rashba spin-orbit coupling in three terminal devices</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Kyung-Soo Yi</b> Pusan National University	[PB4-066]	<i>Doping Profile vs Spin Carrier Distributions, Subband Structure, and Spontaneous Magnetization of Selectively Mn-doped DMS Quantum Wells</i>
		Poster Session B4 - Magnetism and Spin in Nanostructures [I]
<b>Kanji Yoh</b>	[PC1-264]	<i>Electrical characterization of an Fe/InGaAs spin FET structure at room temperature</i>
		Poster Session C1 - Magnetism and Spin in Nanostructures [II]
<b>Robert Young</b> Toshiba Research Europe Ltd	[PA1-108]	<i>Inversion of exciton level splitting in quantum dots</i>
		Poster Session A1 - Formation and Characterization of Quantum Dots and Rings [I]
<b>Evgeny Zibik</b> University of Sheffield	[PB1-195]	<i>Singlet and triplet polaron lifetimes in n-type self-assembled InAs/GaAs quantum dots</i>
		Poster Session B1 - Formation and Characterization of Quantum Dots and Rings [II]