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The Conference will be held **in Sulmona (L'Aquila, Italy) from 27 to 30 September, 2009**. The aim of the Conference is to provide an opportunity for a meeting of scientists and technologists working on novel functional and nanostructured materials.

The conference programme will cover experimental investigations, theory and modelling of:

- Photonic and optoelectronic materials
- Magnetic materials and diluted magnetic semiconductors
- Catalytic materials
- Nanoparticle materials and nanolithography
- Nanobiotechnology
- Physics and technology of nanostructured semiconductors and superconductors
- Auxetic materials and models
- Thin and thick films
- Organic, hybrid and composite materials
- Micro/Nano Electro Mechanical Systems (MEMS/NEMS): technology and applications
- Physics and technology of carbon nanotubes and carbon-based materials
- Industrial applications of nanotechnology

The Conference is envisaged to include a Round Table Meeting intended to promote cooperation and preparation of cooperative projects, as well as applications for their funding at national and international levels. The meetings will involve industrial partners in directing research towards major practical problems in applications of advanced innovative technologies and facilitating industrial applications of research results.

Strikingly beautiful landscapes extending from the Adriatic coast to the highest peaks of the Apennine range, characterize the Italian region of Abruzzo. Here, within a relatively small area of land, one finds incredibly diverse geological features such as the Majella and Gran Sasso mountains, and soft sandy beaches washed by the Adriatic sea. Abruzzo hosts the typical mountain villages of Pescasseroli, Scanno, Pescocostanzo, the seafront towns of, Ortona, Lanciano, Vasto, and the historic art cities of L'Aquila, and Sulmona, where the Conferences are to be held.

„When there is need not only of smart intelligence and versatile spirit, but of determination and persistence and resistance, I say aloud to myself: You are from Abruzzo!“

Benedetto Croce (Italian Philosopher from Pescasseroli L'Aquila 1866-1952)

The Physics Department of the University of L'Aquila, in charge for the local organization of the FNMA09 Conference, proudly wishes to announce that the CONFERENCE WILL BE HELD despite the disastrous quake of April 6th 2009!!

The conference dates and deadlines will be maintained according to what was scheduled prior to the quake by the organizing committee. It has been necessary to move the conference Location slightly about 60 km away from L'Aquila to Sulmona. Sulmona is a delightful small art and historical town in the province of L'Aquila, hosting a Theater, an Auditorium, and several cultural Institutions. The surroundings of Sulmona are full of spots of breathtaking natural beauty. The conference will be held in the wonderful renaissance building of Palazzo dell'Annunziata which hosts the local Auditorium.

We hope that all of you who have expressed interest in participating in the conference in the last months will be still happy to join this event. The panel of the invited and keynote speakers is of world class quality and spans a broad range of leading edge research fields, in advanced materials, nanotechnology, and in general condensed matter physics. We really believe that everyone of you will deeply enjoy this event both for science and leisure.

Last but not least, your participation will be a tangible sign of solidarity with the Physics Department of the University of L'Aquila. The Faculty of Science in Coppito has solidly withstood the quake, but with inevitable damages to the internal walls. The reconstruction of the whole University will start right from the research labs of the Physics Department which is considered by the Rector himself to be of strategic importance for the whole University and not only for the Faculty of Science. The "self organized" response of the Department was the fastest possible, the teaching activity has been efficiently moved to the LNGS (National Laboratory of Gran Sasso) site. The research activity will likely restart at the end of the summer at the latest. The FNMA09 conference will be a first strong sign to the international scientific community that we are, even more than before, a really lively community of civilized scientists deeply involved in active creation of science.

So, please come to join FNMA09.... and bring your colleagues and families.

Conference Organizing Committee Chairman.

Luca Ottaviano

Organizers



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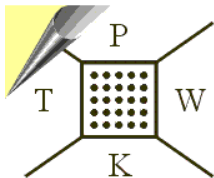


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Vacuum science

2M Strumenti

ENEA



Credito Cooperativo

5 Pascal

Carispaq

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Keynote speakers

- M. Aziz (Cambridge, MA, US),
- P. Barbara (Washington, US),
- J. Barnaś (Poznan, Poland),
- L. Casalis (Trieste, Italy),
- R. Cingolani (Genova, Italy),
- M. Dudek (Zielona Gora, Poland),
- C. Falesi (Rome, Italy),
- M. Fanciulli (Univ. di Milano Bicocca & LN MDM CNR-INFN, Italy),
- J. Grima (Msida, Malta),
- N. Gouskos (Athens, Greece),
- K. Jablonska (Warsaw, Poland),
- S. M. Kaczmarek (Szczecin, Poland),
- T. Kanaya (Kyoto, Japan),
- O. Kazakova (London, UK),
- M. Maczka (Wroclaw, Poland),
- A. V. Melechko (Raleigh, NC, USA),
- S. Mudry (Lviv, Ukraine),
- M. Mukherjee (Kolkata, India),
- U. Narkiewicz (Szczecin, Poland),
- G. J. Papadopoulos, (Athens, Greece),
- R. Reisfeld (Jerusalem, Israel),
- P. Romiszowski (Warsaw, Poland),
- C. W. Smith (Exeter, UK),
- T. Tsuboi (Kyoto, Japan),
- A. Verna (Trieste, Italy),
- H. Weiering (Knoxville, TN, USA),
- K. W. Wojciechowski (Poznan, Poland),
- G.P. Yablonskii (Minsk, Belarus),
- M. Zaluska-Kotur (Warsaw, Poland).

Sunday, 27 September

14:00	Opening of the Registration Desk at the Auditorium Annunziata
18:00	Get-together party
19:00	Opening Ceremony
19:30	Concert „Conservatorio A. Casella"
21:00	Dinner and (22:30) Sulmona by night

Monday, 28 September

Plenary session at Annunziata

Session 1

Chairman: H. Weitering

9:00 - 9:45	L-01 - M. Aziz <i>Novel Semiconductors and Nanoscale Patterning Using Energetic Beams</i>
9:45 - 10:30	L-28 - T. Tsuboi <i>White Organic Light Emitting Diodes for Super-thin Flat Panel Lighting</i>
10:30 - 10:45	Coffee break

Parallel sessions at Annunziata and Saletta Mazara

At Annunziata

Parallel Session 2

Semiconductor Nanostructures - Chairman: M. De Crescenzi

10:45-11:10	L-15 - O. Kazakova <i>Nanowire-based Spintronics</i>
11:10 - 11:35	L-03 - J. Barnas <i>Resonances in Electronic Transport Through Systems of Coupled Quantum Dots</i>
11:35 - 12:00	L-04 - I. Berbezier <i>Self Assembled Germanium Nanocrystals: Electrical and Optical Properties</i>
12:00 - 12:15	O-04 - P. Carelli <i>Size Control and Localised Growth of Si Nanowires on Silicon Oxide Substrates</i>
12:15 - 12:30	O-05 - P. Castrucci <i>Enhanced Quantum Efficiency of Silicon with Ge Quantum Dots</i>
12:30 - 12:45	O-12 - S. Gibilisco <i>Role of Adsorbates in Photoluminescence Emission of Si Nanocrystals</i>
12:45 - 13:00	O-13 - S. Gulkowski <i>Modelling of Interface During Si Layer Growth on Partially Masked Substrate</i>

At Saletta Mazara

Parallel Sessions 3 and 4

Auxetic materials - Chairman: J. Rybicki

10:45-11:10	L-10 - J.N. Grima <i>Recent Advances in Non-conventional Systems</i>
11:10 - 11:35	L-31 - K.W. Wojciechowski <i>Anomalous Mechanical Properties of Various Models in Two Dimensions</i>
11:35 - 12:00	L-27 - C.W. Smith <i>Tailoring Thermal Expansivity in Cellular Solids</i>

Nanoparticles and nanowires - Chairman: S. Santucci

12:00 - 12:25	L-16 - S.P. Kruchinin <i>Magnetic Properties of NiFe₂O₄ Nanoparticles</i>
12:25 - 12:40	O-26 - A. Ponzoni

		<i>Gas Sensors Based on Metal Oxide Nanowire Bundles: Preparation and I-V Characterization</i>
12:40 - 12:55		O-29 - A. Reale <i>Nanostructured Titania Photoanodes for Dye-sensitized Solar Cells: Optimization of Deposition Techniques</i>
12:55 - 13:10		O-11 - M. Gazda <i>Influence of Magnetic Field on the Electronic Conduction of (Bi,Pb)-Sr-Ca-Cu-O Granular Superconductors</i>
13:15		Lunch at Ristorante „Le metamorfosi" 5 min walking distance
Plenary session at Annunziata		
Session 5		
Chairman: T. Tsuboi		
15:00-15:45		L-32 - P. Yablonskii <i>ZnMgSSe/ZnSe/CdSe Quantum Dot Heterostructures for Green Laser Applications</i>
15:45 - 16:30		L-02 - P. Barbara <i>Carbon-nanotubes as 1D Probes for Superconductivity</i>
16:30 - 16:45		Coffee break
Parallel sessions at Annunziata and Salletta Mazara		
At Annunziata		
Parallel Session 6		
Carbon based nanomaterials: CTN, Graphene, Fullerenes - Chairman: S. Santucci		
16:45-17:10		L-08 - C. Falessi <i>Finmeccanica Nanotechnology Studies and Developments</i>
17:10 - 17:30		L-20 - A. Morgante <i>Surface Corrugation, Morphology and Electronic Structure of Exfoliated Graphene: a LEEM, Micro-LEED and Micro-ARPES Study</i>
17:30 - 17:45		L-23 - U. Narkiewicz <i>Removal of SO₂ from Gases on Carbon Materials</i>
17:45 - 18:00		O-01 - A. Ambrosio <i>Optical Trapping of Carbon Nano-Tubes of Specific Spectral Characteristics</i>
18:00 - 18:15		O-20 - L. Ortolani <i>Graphene as Nanoscale Tangential Sieve for Selecting Achiral SWCNTs</i>
18:15 - 18:30		O-19 - V. Morandi <i>3D Reconstruction of Graphene Waviness</i>
18:30 - 18:45		O-25 - L. Petaccia <i>Fulleride Films: Band Dispersion and Bulk vs Surface Contribution by Low-energy Angle-Resolved Photoemission Spectroscopy</i>
18:45 - 19:00		O-17 - R. Larciprete <i>Atomic Oxygen Functionalization of Double-walled C Nanotubes</i>
At Salletta Mazara		
Parallel Sessions 7 and 8		
Photonic applications of nanostructures - Chairman: P. Yablonskii		
16:45-17:10		L-13 - S.M. Kaczmarek <i>Spectroscopic Investigations of New Class of Rare-Earth and Zinc/Cadmium Tungstates and Molybdate-Tungstates</i>
17:10 - 17:35		L-11 - M. Grinberg <i>Influence of Excited $4f^{n-1}5d^1$ State on Impurity Trapped Exciton States in Ln-Doped Materials</i>
Nanoparticles and nanoporous systems - Chairman: E. Palange		

17:35 - 18:00	L-18 - M. Maczka <i>Phonon Properties of Nanocrystalline Bismuth Layered Ferroelectrics</i>
18:00 - 18:15	O-02 - R.D. Boyd <i>Nanoparticle Measurement: from Size Distribution and Shape to Advanced Characterisation</i>
18:15 - 18:30	O-33 - S. Zurek <i>Relaxation Characteristics of Low-molecular-weight Systems in Porous Host Matrix: Computer Simulation Study</i>
18:30 - 18:45	O-18 - A.E. Maccallini <i>Gas Solubility and Mobility in Modified and Unmodified Zeolites at Low and High Pressures by PcT Kinetic and Equilibrium Sorption</i>
18:45 - 19:00	O-28 - E. Principi <i>A X-ray Absorption Spectroscopy Study of a Low-Pt Content Nano-catalyst Operating in a PEM Fuel Cell</i>

Invited Seminar at Annunziata

19:05	M. Tellini <i>On the Quake Dynamics</i>
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20:00 - 21:00 Dinner

Poster Session 1 at Saletta Mazara and Auditorium dell'Annunziata

21:00 - 23:00	Wine and poster sessions: • A: Carbon based nanostructures • B: Photonic application of nanostructure • C: Nanoparticles and nanoporous systems • D: Semiconductor and superconductor Nanostructures • E: Organic Materials
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Tuesday, 29 September

Plenary session at Annunziata

Session 9

Chairman: C. Falessi

9:00 - 9:45	L-09 - M. Fanciulli <i>Oxides for Ultra-Scaled CMOS and Innovative Non-volatile Memory Devices</i>
9:45 - 10:30	L-19 - A.V. Melechko <i>Vertically Aligned Carbon Nanofibers as Nanotools for Cellular Interfacing</i>
10:30 - 10:45	Coffee break

Parallel sessions at Annunziata and Saletta Mazara

At Annunziata

Parallel Session 10

Magnetic Nanostructures - Chairman: O. Kazakova

10:45-11:10	L-07 - M.R. Dudek <i>Absorption Properties of Carbon-Protected Magnetic Nanoparticles in a Pore</i>
11:10 - 11:35	L-29 - A. Verna <i>Interface Magnetization in Half-metallic Manganites: a Synchrotron Radiation Approach</i>
11:35 - 12:00	L-12 - N. Guskos <i>Magnetic Properties of a PBT-Block-PTMO Polymer with a Small Amount of Nickel Magnetic Nanoparticles</i>
12:00 - 12:15	O-10 - S. Gardonio <i>Photoemission from Diluted Magnetic Atoms on Metal Surfaces</i>
12:15 - 12:30	O-21 - E. Palange

		<i>General Strategy for Direct Synthesis of Li_0 FePt Nanoparticle Alloys from Layered Precursor</i>
12:30 - 12:45		O-24 - C. Pernechele <i>Magnetocaloric Behaviour of Epitaxial MnAs Thin Films Grown on Different GaAs Substrates by MOVPE</i>
12:45 - 13:00		O-32 - C. Visani <i>Effect of Magnetic Anisotropy on the Inverse Superconducting Spin-switch in LCMO-YBCO-LCMO Hybrids</i>
At Saletta Mazara		
Parallel Sessions 11 and 12		
Nanobio systems and investigations - Chairman: A.V. Melechko		
10:45-11:10		L-05 - L. Casalis <i>DNA-based Functional Materials for Nano-Proteomics</i>
11:10 - 11:25		O-15 - J. Kaiser <i>Laser-induced Breakdown Spectroscopy Using Table-top Short-wavelength (46.9 nm) Radiation La</i>
11:25 - 11:50		L-17 - K. Lawniczak-Jablonska <i>XAFS in Biotechnology: Studies of Malaria Pigment Substitute in Reaction with Chloroquine</i>
11:50 - 12:05		O-22 - P. Parisse <i>Enzymatic Reactions on Surface-bound DNA Nanostructures</i>
12:05 - 12:20		O-08 - F. De Angelis <i>3D Adiabatic Compression of Plasmon Polariton for Nanomapping at 10 nm Resolution</i>
Organic nanostructures - Chairman: L. Lozzi		
12:20 - 12:35		O-23 - M. Pedio <i>Photoemission of Metalloporphyrins Self-assembling Monolayer on Noble Metal {111} Substrates</i>
12:35 - 12:50		O-07 - S. Ciuchi <i>Reconciling Coherent Band Motion and Incoherent Diffusion in Organic Molecular Semiconductors</i>
12:50 - 13:05		O-03 - A. Carbone <i>Trapping-Detrapping Fluctuations in Organic Space-Charge Layers</i>
13:15		Lunch at Ristorante „Le metamorfosi" 5 min walking distance
14:00		Trip to Scanno, http://www.scanno.org/
20:00 - 23:00		Conference Dinner at Ristorante "Le metamorfosi"
Wednesday, 30 September		
Plenary session at Annunziata		
Session 13		
Chairman: M. Aziz		
9:00 - 9:45		L-25 - R. Reisfeld <i>Luminescent Solar Concentrators Cased on Hybrid Materials</i>
9:45 - 10:30		L-06 - R. Cingolani <i>Nanotechnology for human and humanoid systems</i>
10:30 - 10:45		Coffee break
Parallel sessions at Annunziata and Saletta Mazara		
At Annunziata		
Parallel Session 14		
Charming low dimensional systems - Chairman: Continenza		
10:45-11:10		L-30 - H. Weitering <i>Electronic Instabilities, Fluctuations and Charge Transport in Quantum</i>

		<i>Chains</i>
11:10 - 11:35		L-24 - G.J. Papadopoulos <i>Scattering of Electrons by a Two-dimensional Parabolic Repeller in a Magnetic Field</i>
11:35 - 12:00		L-21 - S. Mudry <i>Phase Diagrams and Cluster Structure Before Solidification</i>
12:00 - 12:15		O-06 - M. Cavallini <i>Patterning of Discotic Liquid Crystals: a New Time Temperature Integrating Framework</i>
12:15 - 12:30		O-31 - A. Stroppa <i>Hybrid Functional Study of Prototypical Multiferroic Systems</i>
12:30 - 12:45		L-33 - M. Zaluska-Kotur <i>Surface Patterns Due to Step Flow Anisotropy Formed in Crystal Growth Process</i>
12:45 - 13:00		O-09 - J. Dziedzic <i>Divide-and-Conquer Learn-on-the-Fly: A Hybrid Quantum-Classical Approach for Simulation of Nanoscale Metallic Systems</i>
13:00 - 13:15		O-16 - S. Kondej <i>Nanostructure Modelled by δ Type Potential: Estimates for the Number of Bound States</i>
At Saletta Mazara		
Parallel Session 15		
Polymers and glasses - Chairman: S. Ciuchi		
10:45-11:10		L-14 - T. Kanaya <i>Glassy Dynamics and Glass Transition of Polymer Nanometer Thin Films</i>
11:10 - 11:35		L-22 - M. Mukherjee <i>Systematic Study of Synthesis and Self-assembled Morphology of Silver Triblock Copolymer Nanocomposite</i>
11:35 - 12:00		L-26 - P. Romiszowski <i>Confinement Effects in Polymer Systems: Monte Carlo Simulations</i>
12:00 - 12:25		O-14 - R. Gunnella <i>Control of Polymers Assembling in Thin P3HT Films Grown by Electrospray</i>
12:25 - 12:40		O-30 - A. Sikorski <i>Percolation in Polymer-Solvent Systems. A Computer Simulation Study</i>
12:40 - 12:55		O-27 - L. Pranevicius <i>Hydrogenation of Thin Mg Films in CH_4+Ar Plasmas</i>
13:15		Lunch at Ristorante „Le metamorfosi" 5 min walking distance
Poster Session 2 at Annunziata		
15:00 - 17:00		Beer and poster sessions: • F: Magnetic materials and nanostructures • G: Nanobiotechnology • H: Surfaces, thin and thick films • I: Industrial applications of nanotechnology • L: Miscellaneous
17:00		S. Santucci, J. Rybicki, L. Ottaviano Conclusive remarks and closing ceremony

Monday, 28 September

Poster Session 1

21:00 - 23:00 Saletta Mazara and Auditorium dell'Annunziata

A: Physics and technology of carbon nanotubes and carbon-based materials

The maximum area available for poster presentation is 1.0m wide and 1.5m high.

- **P-011** S. Bellucci
Carbon Nanotube Buckypaper: Low Toxicity and Decreased Proliferation of Human Cancer Cell Lines
- **P-015** M. Bialoskorski, J. Rybicki
Tensile Strength of Carbon Nanotubes
- **P-021** A. Capasso, E. R. Waclawik, J. M. Bell, S. Ruffel, M. Scarselli, A. Sgarlata, N. Motta
Carbon Nanotubes Synthesis from Germanium Nano-particles
- **P-023** A. Ambrosio, M. Ambrosio, G. Cerulo, C. de Lisio, S. Lettieri, P. Maddalena, P. Castrucci, M. Scarselli, M. De Crescenzi
Study of Dynamical Relaxation in MWCNTs Films by Optical Pump-probe Technique
- **P-027** P. De Marco, M. Nardone, S. Santucci, A. Del Vitto, M. Alessandri, L. Ottaviano
Rapid Identification of Graphene Sheets: Alumina Does It Better
- **P-044** V. Grossi, A. Urbani, M. Ambrosio, A. Ambrosio, P. Maddalena, S. Santucci, M. Passacantando
Novel Photosensor Made of MWCNTs Grown on Silicon Substrate
- **P-055** M. Kosmider, S. Zurek, Z. Dendzik, K. Gorny
Dynamics of Ethylene Glycol and Propylene Glycol Molecular Clusters Embedded in Carbon Nanotubes: Computer Simulation Study
- **P-077** A. Capobianchi, D. Fiorani, C. Veroli, M. V. Mansilla, S. Foglia, E. Palange
Direct Synthesis of Li_0 FePt Nanoparticles within Carbon Nanotubes by Wet Chemical Procedure
- **P-079** M. Passacantando, F. Bussolotti, S. Santucci
Tuning the Electromechanical Response of an Individual CNT by Selective Electron Beam Induced Deposition
- **P-080** I. Pelech
Removal of Amorphous Carbon and Metal Particles from MWNTs Using Hydrogen and Acid Treatment
- **P-082** L. Peponi, A. Tercjak, J. Gutierrez, M. Cardinali, I. Mondragon, L. Valentini, J. M. Kenny
*EFM Imaging of Carbon Nanotubes Sequestered into Polystyrene Domains of Poly(styrene-*b*-isoprene-*b*-styrene) Block Copolymer Matrix*
- **P-113** B. Ya. Venhryn, I. I. Grygorchak, S. Mudry, Yu. O. Kulyk
Influence of Ni-intercalative Modification of Nanoporous Carbon on Structure and Properties of Electric Double-layer at Boundary with Electrolyte

B: Photonic and optoelectronic materials

The maximum area available for poster presentation is 1.0m wide and 1.5m high.

- **P-020** F. Bonfigli, S. Almagia, F. Flora, R. M. Montoreali, A. Reale, A. Ritucci, P. Zuppella
Color-center Photoluminescent Nano-patterns Induced in Lithium Fluoride by Soft X-ray Laser Beam
- **P-026** P. De Marco, F. Fioriti, P. Parisse, D. Luciani, S. Santucci, P. Zuppella, P. Tucceri, A. Reale, L. Ottaviano
Structural and Optical Characterizations of 6,13 Pentacenequinone Thin Film on Different Substrates
- **P-041** B. Brzostowski, V. Cao Long, B. Grabiec
Four-Level Model for EIT of Cold ^{85}Rb
- **P-060** J. Hassinen, J. Holsa, T. Laamanen, M. Lastusaari, P. Novak
Electronic Structure of Defects in $\text{Sr}_2\text{MgSi}_2\text{O}_7:\text{Eu}^{2+}, \text{R}^{3+}$ Persistent Luminescence Materials
- **P-073** U. Narkiewicz, J. Kaszewski, M. Godlewski, S. Yatsunenko, W. Lojkowski
Influence of Annealing Temperature on Light Emission Efficiency of ZrO_2 Doped with Tb^{3+} Ions
- **P-076** B. Padlyak, W. Ryba-Romanowski, R. Lisiecki, Ya. Burak, V. Adamiv, I. Teslyuk
Synthesis and Spectroscopy of Lithium and Potassium-Lithium Tetraborate Glasses Doped with Copper
- **P-087** D. Joskowska, K. Pomoni, A. Vomvas, B. Koscielska, D. Anastassopoulos
On Electrical and Photoconductive Properties of Nb-doped TiO_2 Sol-gel Thin Films
- **P-093** E. Leonardi, S. Penna, A. Reale, T. M. Brown, A. Di Carlo
Stability of Dye-sensitized Solar Cells: Comparison of Sealing Strategies
- **P-109** T. Tsuboi, Y. Torii
Photoluminescence Characteristics of Green and Blue Emitting Alq_3 Organic Molecules in Crystals and Thin Films

C: Nanoparticle materials and nanolithography

The maximum area available for poster presentation is 1.0m wide and 1.5m high.

- **P-003** G. Amiard, I. Berbezier, M. Aouassa, L. Favre, A. Ronda, C. Marcus, I. Alonso
FIB Nanopatterning for SiGe Nanostructures Self-assembly on Si Substrate
- **P-016** N. Guskos, E. A. Anagnostakis, G. Zolnierkiewicz, J. Typek, A. Biedunkiewicz, A. Guskos
Annealing Effect on EPR Spectra of Ti-Si-C-N System Samples
- **P-034** F. Flora, S. Bollanti, F. Bonfigli, A. Gerardino, P. Di Lazzaro, L. Mezi, R. M. Montoreali, D. Murra, A. Reale, A. Torre, P. A. Vincenti
The First Italian Micro-exposure Tool for EUV Nanolithography
- **P-069** S. Mudry, I. Shtablayvi
Liquid-Solid Interaction at Formation of Nanocomposite Systems
- **P-089** S. Prezioso, D. Luciani, P. Tucceri, P. De Marco, A. Gaudieri, J. Kaiser, S. Santucci, L. Ottaviano, P. Zuppella

- **P-090** S. Prezioso, L. Ottaviano, A. Ritucci, P. Tucceri, F. Flora, L. Mezi, P. Dunne, P. Zuppella
A Xe Based Plasma Source for EUV Nano-lithography Applications

D: Physics and technology of nanostructured semiconductors and superconductors

The maximum area available for poster presentation is 1.0m wide and 1.5m high.

- **P-005** E. A. Anagnostakis
Wavefunction-Engineering of Intersubband THz-Laser Nanoheterointerfaces
- **P-006** M. Aouassa, I. Berbezier, L. Favre, G. Amiard, A. Ronda, H. Maaref, A. Miranda, P. D. Vedova, F. Traversi, R. Sordan
Formation and Ordering of Si and Ge Dots by Dewetting
- **P-022** L. Ponta, A. Carbone, M. Gilli, P. Mazzetti
Avalanche Noise in Granular Disordered High-Tc Superconductors
- **P-025** G. Ambrosone, D. K. Basa, U. Coscia
Study on Structural and Optical Properties of Nanostructured Silicon Carbon Films
- **P-029** F. Di Pompeo, R. M. Montereali, E. Nichelatti, M. A. Vincenti
Optical Spectrophotometric Characterization of Organic TPB Films for Dark Matter Particle Detectors
- **P-043** V. Grossi, L. Ottaviano, S. Santucci, M. Passacantando
XPS and SEM Studies of Oxide Reduction of Germanium Nanowires
- **P-058** S. P. Kruchinin, A. Zolotovskiy, J. Dow
Band Structure for Fe-based and Ruthenate Superconductors
- **P-059** D. B. Chesnokova, V. A. Moshnikov, A. E. Gamarts, O. A. Aleksandrova, V. V. Kuznetsov
Photoluminescence of Nanostructured $Pb_{1-x}Cd_xSe$ ($x=0-0.20$) Layers
- **P-063** D. A. Kudryashov, R. V. Levin, V. I. Ratushnyi, L. S. Lunin, V. V. Kuznetsov, B. V. Pushnyi, V. M. Andreev
Epitaxial Growth of GaSb-based Nanoheterostructures by MOCVD
- **P-066** V. A. Moshnikov, I. E. Gracheva, V. V. Kuznezov, A. I. Maximov, S. S. Karpova, A. A. Ponamareva
Hierarchical Nanostructured Porous Semiconductors for Gas Sensors
- **P-067** Y. M. Spivak, V. A. Moshnikov, V. V. Kuznezov, A. Yu. Savenko, N. E. Preobrajensky, P. G. Travkin
Self-Organized Porous Structure with Several Levels of Pores in Electrochemical Anodized Silicon
- **P-091** S. Prezioso, S. M. Hossain, A. Anopchenko, L. Ferraioli, Zhizhong Yuan, M. Wang, G. Pucker, P. Bellutti, S. Binetti, M. Acciarri, L. Pavesi
Silicon Quantum-Dots Based Solar Cells for Third Generation Photovoltaics
- **P-094** M. Rinaldi, F. Ruggieri, L. Lozzi, S. Santucci
Well-Aligned Nanofibers Grown by Near-Field Electrospinning
- **P-097** W. Sadowski, P. Fiertek, J. M. Olchowik
Doping Effect at Grain Boundary of $YBa_2Cu_3O_{7-y}$: Fe Ceramic System

- **P-098** W. Sadowski, T. Kilmczuk, J. M. Olchowik
The Influence of the Annealing Temperature on the NdCeCuO-214 Crystals Surface
- **P-105** P. Konsin, B. Sorkin
Surface Superconductivity in Transverse Electric Field in Two-component Model

E: Organic, hybrid and composite materials

The maximum area available for poster presentation is 1.0m wide and 1.5m high.

- **P-001** O. I. Aksimentyeva, L. S. Monastyrskyy, B. R. Tsizh, V. P. Savchyn, L. I. Yaryc'ka
Hybrid Organic-Inorganic Nanosystems Based on Polypnenylacetylene and Fullerene Integrated with Porous Silicon Matrix
- **P-002** O. I. Aksimentyeva, V. P. Dyakonov, S. Piechota, A. Shapovalov, H. Szymczak, B. R. Tsizh
Structure and Magnetic Properties of Metal Organic Magnet Based on Iron Complex with 2-hydroxy-1-nitrozonaphthalene
- **P-010** L. Bednarska, M. Kovbuz, A. Budniok, J. Kubisztal, J. Panek, M. Popczyk
Influence of Iron Additives on Semiconduction Properties of Al-based Amorphous Metallic Alloys
- **P-014** S. Bertho, W. D. Oosterbaan, V. Vrindts, J. D'Haen, T. J. Cleij, L. Lutsen, J. Manca, D. Vanderzande
Nanofiber Organic Solar Cells: Device Performance and Active Layer Morphology
- **P-017** I. Bobowska, P. Wojciechowski
Hybridization of Basic Copper Salt Using (2-hydroxypropyl)Cellulose/Titania Nanosheet Composite
- **P-018** M. Bobrowski
Energetics of the Reactions of Reduction of Metal Salts by Biradical Di-para-xylylens
- **P-038** P. Gargiani, C. Mariani, M. G. Betti
3d-metal Phthalocyanines Chains on Au(110): Electronic Structure Dependence on 3d Metal Occupancy
- **P-062** E. Tomaszewicz, S. M. Kaczmarek, G. Leniec
Re-investigations of Thermal Decomposition of Gadolinium Sulfate Octahydrate
- **P-064** N. Guskos, V. Likodimos, S. Glenis, K. Karkas, G. Zolnierkiewicz, M. Bosacka
Transport Properties of $M_2InV_3O_{11}$ ($M(II)=Zn(II)$ and $Co(II)$) Compounds
- **P-075** G. Olchowik, M. Tomaszewska, M. Tomaszewski
Modification of Bone Structure After Cortycotherapy by Microwave Irradiation
- **P-084** F. Piersimoni, K. Vandewal, S. Chambon, S. Filippone, N. Martin, J. Zhao, G. Van Assche, B. Van Mele, L. Lutsen, P. Adriaansens, D. Vanderzande, J. V. Manca
Influence of Fullerene Side Chain Functionalization on Open-Circuit-Voltage of Polymer: Fullerene Bulk Heterojunction Solar Cells
- **P-095** O. S. Roik, O. V. Samsonnikov, V. P. Kazimirov, S. M. Galushko, V. E. Sokol'skii
Local Order in Liquid Al-Cu, Al-Co and Al-Cu-Co Alloys
- **P-096** E. Rysiakiewicz-Pasek, A. Naberezhnov, A. Fokin, P. Jagus, E. Koroleva, Yu. Kumzerov, L. Korotkov, M. Tovar, S. Vakhrushev
Phase Transformations in Nanocomposites with Ferroelectrics in Restricted Geometry: Phase Transitions and Macroscopic Properties

- **P-102** R. Signerski, G. Jarosz, B. Koscielska
Photovoltaic Effect in Hybrid Heterojunction Formed from Cadmium Telluride and Zinc Perfluorophthalocyanine Layers
- **P-106** A. Makal, K. Wozniak, A. Szady-Chelminiecka, E. Tomaszewicz, G. Leniec, S. M. Kaczmarek, E. Grech
Synthesis, Crystal Structure and Characterization of a New Monohydrate NCS and a Schiff Base Copper(II) Complex
- **P-107** E. Tomaszewicz, G. Dabrowska, S. M. Kaczmarek, H. Fuks
Solid-State Synthesis and Characterization of New Cadmium and Rare-earth Metal Molybdatungstates $Cd_{0.25}RE_{0.50}(MoO_4)_{0.25}(WO_4)_{0.75}$
- **O-33** S. Zurek
Relaxation Characteristics of Low-molecular-weight Systems in Porous Host Matrix: Computer Simulation Study
- **L-26** P. Romiszowski
Confinement Effects in Polymer Systems: Monte Carlo Simulations

Wednesday, 30 September

Poster Session 2

15:00 - 17:00 Auditorium dell'Annunziata

F: Magnetic materials and diluted magnetic semiconductors

The maximum area available for poster presentation is 1.0m wide and 1.5m high.

- **P-004** A. Amirabadizadeh, H. Farsi, H. Arabi, M. Dehghani
Effect of Substitutions of Zn for Mn on Size and Magnetic Properties of Mn-Zn Ferrite Nanoparticles
- **P-019** T. Bodziony, S. M. Kaczmarek
Magnetic Properties of $LiNbO_3$: Er, Tm Single Crystal
- **P-032** W. Arabczyk, E. Ekiert, M. Balanda
Preparation and Magnetic Properties of Magnetite Dispersed in a Carbon Matrix
- **P-048** N. Guskos, G. Zolnierkiewicz, J. Typek, A. Guskos, D. Petridis
Influence of Magnetic Agglomerates on EPR Spectrum of Free Radicals in Organic Matrix
- **P-051** M. Mazurek, E. Jartych, A. Lisinska-Czekaj, D. Czekaj, D. Oleszak
Structure and Hyperfine Interactions of $Bi_9Ti_3Fe_5O_{27}$ Multiferroic Ceramic Prepared by Sintering and Mechanical Alloying Methods
- **P-052** S. M. Kaczmarek, E. Tomaszewicz, A. Jasik
EPR and IR Studies of Some Praseodymium(III) Tungstates
- **P-065** M. Malvestuto
XAFS Study of Ru 4d Orbital Occupation in Ruddlesden-Popper Strontium Ruthenates $Sr_{n+1}Ru_nO_{3n+1}$ ($n=1,2,3$): Influence of Lattice Distortions on Electronic Structure
- **P-072** N. Guskos, G. Zolnierkiewicz, J. Typek, D. Sibera, U. Narkiewicz
FMR Study of Temperature Dependence of Magnetic Anisotropy of Nanocrystalline Fe_2O_3 Doped with ZnO

- **P-081** U. del Pennino, F. Moro, V. Corradini, M. Evangelisti, R. Biagi, V. De Renzi, U. del Pennino, J. C. Cezar, R. Inglis, C. J. Milios, E. K. Brechin
Magnetic properties of Mn₆ Sub-monolayers on Au(111) Investigated by X-ray Magnetic Circular Dichroism
- **P-083** S. Picozzi, G. Giovannetti, A. Stroppa, T. Fukushima, K. Yamauchi
The BISMUTH project
- **P-101** A. Shalimov, K. Potzger, D. Geiger, G. Talut, A. Misiuk, S. Zhou, C. Baehtz, J. Fassbender
Structural and Magnetic Properties of Fe and FePt Nanoparticles in MgO Synthesized by Ion Implantation
- **P-104** M. Villani, G. Calestani, M. Solzi, C. Pernechele
Direct Synthesis of Tetragonal L1₀ Ferromagnetic FePt Nanoparticles
- **P-110** N. Guskos, G. Zolnierkiewicz, J. Typek, A. Guskos, D. Petridis
EPR/FMR Study of Nanocrystalline Hematite-Ilmenite Solid Solutions
- **P-111** J. Typek, N. Guskos, G. Zolnierkiewicz, E. Filipek
Magnetic Resonance Study of Sb₃V₂Mo₃O₂₁
- **P-112** J. Typek, N. Guskos, G. Zolnierkiewicz, A. Szymczyk
Magnetic Resonance Study of Poly(ether-block-ester) Copolymers with Ferrocene Units
- **P-115** K. Yamauchi, S. Picozzi
Ab initio Study on Ferroelectric Stability In Charge-ordered Multiferroic Iron Oxides
- **P-117** N. Guskos, G. Zolnierkiewicz, J. Typek, D. Sibera, U. Narkiewicz
Magnetic Resonance Study of ZnO-MnO System
- **P-118** P. K. Sharma, A. C. Pandey, C. Rudowicz, N. Guskos, G. Zolnierkiewicz
Copper Doping Concentration Dependence of Structural and Electron Paramagnetic Resonance Properties of ZnO Nanorods
- **P-119** N. Guskos, G. Zolnierkiewicz, J. Typek, R. Szymczak, C. Rudowicz, A. Blonska-Tabero, H. Ohta, S. Okubo
Study of Magnetic Properties of Co₃Fe₄V₆O₂₄

G: Nanobiotechnology

The maximum area available for poster presentation is 1.0m wide and 1.5m high.

- **P-012** L. Benea, P. Ponthiaux, F. S. Sorcaru, F. Wenger
Dispersed CeO₂ in Cobalt: a Way to Improve the Coating Properties
- **P-013** L. Benea, A. Ciubotariu, B. Tribollet, W. Sand
Influence of Nano SiC Co-deposition with Nickel to Biofilm Formation on Nanocomposite Coatings
- **P-028** S. Di Bucchianico, M. F. Giardi, P. De Marco, L. Ottaviano, D. Botti
Cytogenetic Stability of Chicken T-cell Line Transformed with Marek's Disease Virus: Atomic Force Microscope, a New Tool for Investigation
- **P-085** A. Poma, S. Di Bucchianico, A. Galano, S. Santucci
Interactions and Potential Cytotoxicity of TiO₂ Nanoparticles and Thin Films on Murine Macrophages RAW 264.7 Cell Line

- **P-100** B. Sanavio, C. Grunwald, G. Legname, L. Casalis, G. Scoles
Selective Confinement of Proteins by AFM for Characterization Studies

H: Surfaces, thin and thick films

The maximum area available for poster presentation is 1.0m wide and 1.5m high.

- **P-007** D. Bagnis, L. Valentini, A. Facchetti, T. J. Marks, J. M. Kenny
Role of Processing in Structure-Function Relationship of Polymeric Bulk Heterojunction Solar Cells
- **P-008** R. J. Barczynski
Nonlinear Impedance as an Indication of Ionpolaron Interaction in $\text{Cu}_2\text{O-Al}_2\text{O}_3$ SiO_2 Glass
- **P-009** R. J. Barczynski, P. Krol, L. Murawski
AC and DC Conductivity in $\text{V}_2\text{O}_5\text{P}_2\text{O}_5$ Glasses Containing Alkaline Ions
- **P-024** K. Cieslak, S. Gulkowski, J. M. Olchowik
Influence of Dielectric Coverage on Epitaxial Thin Films and Photovoltaic Conversion in Solar Cells Obtained by Epitaxial Lateral Overgrowth
- **P-037** P. Gargiani, S. Achilli, M. I. Trioni, F. Bussolotti, M. G. Betti
Domain Wall Formation and Electron-Phonon Interaction of Bi Reconstructed Phases on $\text{Cu}(100)$
- **P-049** N. Guskos, J. Majszczyk, J. Typek, J. Rybicki, I. Kruk, A. Guskos, G. Zolnierkiewicz, C. Adinis
Photoacoustic Response of Common Starfish Tissue
- **P-050** G. Il'chuk, V. Kusnezh, P. Shapowal, R. Petrus'
Chemical Surface Deposition of CdS Thin Films from Aqueous Solutions
- **P-054** B. Koscielska, A. Winiarski, W. Jurga
Structure and Superconductivity of VN- SiO_2 Films Obtained by Thermal Nitridation of Sol-gel Derived Coatings
- **P-056** S. A. Kostyrya, V. I. Tkatch, S. G. Rassolov, K. W. Wojciechowski, B. Idzikowski
Numerical Approach to Cooling and Crystallization in Melt-spinning Process of $\text{Fe}_{40}\text{Ni}_{40}\text{P}_{14}\text{B}_6$ Alloy
- **P-061** Z. Lendzion-Bielun, W. Arabczyk, U. Narkiewicz
Effect of Promoters on Structure and Thermostability of Nanocrystalline Cobalt Catalyst for Ammonia Synthesis
- **P-068** P. Moskvina, E. Avramchuk, L. Rashkovetskyi, G. Olchowik, J. M. Olchowik, A. Zdyb, W. Sadowski
Low Temperature Liquid Phase Epitaxy of Zn-Cd-Te System
- **P-071** L. Murawski, R. J. Barczynski, K. Trzebiatowski, L. Wicikowski
Effects of Heating Atmospheres on Surface Conductivity in $\text{Cu}_2\text{O-Al}_2\text{O}_3$ - SiO_2 Glass
- **P-092** A. A. Donskov, L. I. D'yakonov, A. V. Govorkov, Y. P. Kozlova, V. V. Kuznetsov, S. S. Malakhov, A. V. Markov, M. V. Mezheny, V. F. Pavlov, A. Y. Polyakov, V. I. Ratushnyi, N. B. Smirnov, T. G. Yugova
Non-Polar GaN Films Prepared on Si Substrates Using Porous Al_2O_3 Anodic Oxide Masks

- **P-103** A. A. Solodovnik, V. V. Danchuk
Structure of Condensed Films of Molecular Cryocrystals
- **P-108** V. M. Rubish, B. R. Tsizh, S. M. Gasynets, O. G. Guranich, P. P. Guranich
Obtaining and Dielectric Properties of Ferroelectric Glassceramics on the Basis of $\text{Sn}_2\text{P}_2\text{S}_6$

I: Industrial applications of nanotechnology

The maximum area available for poster presentation is 1.0m wide and 1.5m high.

- **P-033** G. Fioravanti
Artificial Molecular Machines: Stimuli Induced Motion from Solution to Surface
- **P-035** F. Galanello, S. Guerrieri, A. D'Anna
Metal Voids in 110 nm Lines Due to Thermal Diffusion of Aluminum in Large Metal Plate
- **P-036** F. Galanello, G. De Amicis, M. Cichocki, A. D'Anna
Polymer Material Integration in Light Pipes Module of CMOS Imager Devices
- **P-039** A. Mielewczyk, K. Gdula, S. Molin, P. Jasinski, B. Kusz, M. Gazda
Structure and Electrical Properties of Ceramic Proton Conductors Obtained with Solid-state and Molten-salt Synthesis Methods
- **P-042** G. Greco, A. Witkowska, S. Dsoke, A. Di Cicco
Atomic Structure Stability of PtCo Electrocatalysts in Proton Exchange Membrane Fuel Cell Subjected to Ageing Process
- **P-045** S. Guerrieri, G. Testa, G. Mattioli, S. Sellitto, A. Stilo, A. D'Anna
Aluminum Process Integration in Copper Metallization Multi Stack for 90 nm Technology Node CMOS Image Sensor Applications
- **P-046** S. Guerrieri, G. Testa, A. D'Anna
Characterization of PVD Ta and Ti Copper Diffusion Barriers
- **P-047** R. Marinelli, S. Guerrieri, G. De Amicis, A. Del Monte, M. Faccio, E. Palange, A. D'Anna
Polymer Material Characterization with High Refractive Index for 90 nm Technology Node CMOS Imager Sensor Applications
- **P-053** V. Kondrat, O. Hrytsyna
Formation of Near-surface Inhomogeneity of Electromechanical Fields and Size Effect in Thin Dielectric Films
- **P-078** C. Rizza, P. Carelli, E. Palange, S. Lupi, O. Limaj, A. Nucara, M. Ortolani
Frequency Filters in Terahertz Region Based on Induced Dipolar Response of 2-dimensional Array of Functional Metamaterials
- **P-086** M. Dispenza, P. Farinelli, L. Pomona
Development of Compact Ka-Band MEMS Phase Shifter for Electronic Beam Scanning Antennas
- **P-114** A. Witkowska, G. Greco, A. Moretti, G. Giuli, R. Marassi
Structure vs Catalytic Activity in Carbon Supported Pt-based Catalysts
- **P-116** F. M. Zanzotto, D. Croce, S. Prezioso
Reading what Machines "Think": a Challenge for Nanotechnology

J: Nanomechanical properties of materials

The maximum area available for poster presentation is 1.0m wide and 1.5m high.

- **P-030** A. Duda, K. W. Wojciechowski
Effective Elastic Properties of Polycrystalline Samples of Anisotropic Auxetic Materials
- **P-031** J. Dziedzic, J. Rybicki
Structure of Liquid Cu by a Novel Quantum-Classical Approach
- **P-057** M. Kowalik, K. W. Wojciechowski
Free Energy of Hard Multisphere Crystals
- **P-070** S. Mudry, Yu. Plevachuk, V. Sklyarchuk, A. Yakymovych, V. Sidorova
Influence of Antimony on Structure and Physical Properties of Tin
- **P-074** J. Narojczyk, K. W. Wojciechowski
Elastic Properties of Three-Dimensional System of Soft Dimmers at Zero Temperature
- **P-088** A. A. Pozniak, P. Kedziora, H. Kaminski, B. Maruszewski, T. Strek, K. W. Wojciechowski
Anomalous Deformation of Constrained Auxetic Square Under Pressure
- **P-099** O. V. Samsonnikov, O. S. Muratov, O. S. Roik, V. P. Kazimirova
Modeling Structure of Liquid Al

Deadlines

- registration and abstract submission: **20 July 2009**
- abstract acceptance: **25 July 2009**
- early payment: **31 July 2009**
- last minute registration and payment (expensive): **15 September 2009**
- paper submission: **30 September 2009**

The papers will be peer refereed by two reviewers. The accepted contributions will be published in Journal of Non-Crystalline Solids

For information about how to pay the fee follow [this link](#)

On-line Registration		
Deadlines		
Deadline for registration and abstract submission: 20 July 2009 Deadline for payment with reduced fee: 31 July 2009 More deadlines here		
Notes about abstract submission		
The abstract should be prepared using any common variant of TEX (e.g. Latex); A template with the Latex file source is included here . All you need to do is just put the text of your abstract into the marked places in the template file. Figures should be submitted as separate files, preferably in Encapsulated PostScript (EPS) or TIFF formats (300 dpi). The text and figure files should be packed in one archive and compressed using a common utility such as PKZip or tar + gzip. This ONE archive should be submitted as your abstract file. If you do not plan to include any figures in your abstract, you do not need to pack or compress it, just use the TEX file as the abstract.		
Base data		
Gender/Title	Mrs Professor	required
First name:		required
Family name:		required
Organisation name:		required
Postal address:		required
Zip/postal code:		required
City:		required
Country:	Choice	required
Telephone number:		required
Fax number:		required
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Your presentation		
Type of presentation:	None	required
If your presentation type is 'None', just leave this field empty.		
Title:		required
If your presentation type is 'None' just leave this field empty. Otherwise, if you plan to use figures, they should be submitted as separate files, preferably in Encapsulated PostScript (EPS) or TIFF formats (300 dpi). The text and figure files should be packed in one archive and compressed using a common utility such as PKZip or tar + gzip. This ONE archive should be submitted as your abstract file. If you do not plan to include any figures in your abstract, you do not need to		

pack or compress it, just use the TEX file as the abstract. For more information please follow [this link](#)

Include your abstract:

Wybierz plik

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required

Accompanying person details

Title:

First name:

Family name:

Accompanying person two:

Accompanying person three:

Other

Please, include important notes here.

Special dietary requirements

When the **register** button is pressed, the data will be verified. We really check all the required fields. If these details are not completely accurate, we will not be able to register you! Please double-check your entries before sending the details. Note: Our committee will examine your abstract. If it is accepted, your name should appear on the list of participants of the conference Web page.

register

clear all

Fees

- EUR 300 (early payment)
- EUR 350 (last-minute payment)

The fee includes

- conference materials
- get-together party
- conference dinner
- 3 lunches
- coffee breaks
- conference trip
- local organization costs

The fee does not include [accommodation](#).

Accompanying persons are assumed to cover only their accommodation (no conference fee), but will be asked to pay 50 € for the conference banquet (at the conference desk)

Method of payment

Payment has to be done by bank transfer to

Account holder	Politechnika Gdanska, Wydz. FTiMS, 80-952 Gdansk, Narutowicza 11/12
Account number (IBAN)	PL 19 1090 1098 0000 0001 1138 0647
VAT number	PL - 584-020-35-93
Bank name	BZ WBK
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Purpose of payment	017927 - FNMA'09

Please do not forget to indicate "**017927 - FNMA'09**" followed by your full name in the message column of the bank transfer sheet. Please make sure that any bank charges are fully covered by you, the sender; otherwise they will be subtracted from the amount you transfer.

Honorary fee

The whole organizing and scientific Committee has decided to give every participant the opportunity to give, of course on a voluntary basis, a practical possibility to support the Physics Department of the University of L'Aquila to withstand the logistic "after-shock" of the quake. Beside the normal fees of EUR 300, we offer the choice to subscribe an "Honorary Fee" of EUR 500 , the 200 Euros extras will be transferred by the organizers to a dedicated bank account of the Italian Society for Physics (SIF). More details on donations can be found at the following links

http://www.sif.it/SIF/en/portal/activities/donations_aquila

<http://www.fisica.aquila.infn.it/default.asp?lang=en>

<http://www.emrs-strasbourg.com>

We all believe that all the institutions and universities you belong to certainly will support your honorary subscription.

For general and touristic information on Sulmona please check the following web site (English, Italian, and French version).

<http://www.sulmona.org/index.en.php>

HOTELS IN SULMONA CAN BE FOUND

<http://www.gditaly.com/italy/abruzzo/sulmona/hotels.htm>

and

<http://www.comune.sulmona.aq.it/web/cittadarte/soggiornare/soggiornare.html>

Suggested HOTELS in Sulmona:

HOTELS ****

- [Hotel Rojan](#) - one minute walking Distance from Congress Centre
Hotel Rojan Via degli Agghiacciati, 15
67039 Sulmona (AQ)
Tel. +39 0864 950126 / +39 0864 950127
Fax: 0864 950129
E-mail: info@hotelrojan.it

Double room singly occupied € 90.00

HOTELS ***

- [Hotel Ovidius](#)
- [Hotel Hotel Armandos](#)
Via Montenero, 15
Tel. 0864.210783
E-mail: infoarmandos@libero.it
- [Hotel Europa](#)
Strada Statale 17
Tel. 0864 251260
Fax: 0864.251317
E-mail: europaph@arc.it

Economy class

- A Students' dormitory (Scuola della Polizia Penitenziaria di Sulmona) 2 km from the conference centre, single or triple rooms with bathroom, has been booked for 40 persons only (please book in advance!)
Fixed price for the period
from 12am 27.09.2009 to 12am 30.09.2009: € 100,
from 12am 27.09.2009 to 12am 1.10.2009: € 125,

The above quotas should be added to the conference fee and the total of € 300 + € 100 = € 400 or € 300 + € 125 = € 425 should be paid to the organizers before 15 July 2009 or € 350 + € 100 = € 450 or € 350 + € 125 = € 475 after this date.

For additional information please contact **Patrizia.demarco@aquila.infn.it**

For information regarding the fees and payment please follow the [fees and payment link](#)

Location

The conference will be held in „[Auditorium dell'Annunziata](#)". The address is: Corso Ovidio, 67039 Sulmona.

Airports close to Sulmona:

1. [Pescara Airport](#)
2. [Rome Ciampino Airpor](#)
3. [Rome Fiumicion Airport](#)

Below is the location map with a „click" for larger version. For an interactive version, please follow the [Google Maps](#) with the address „Corso Ovidio, 67039 Sulmona".



The two pictures below report the facade of the monument and the interior of the Auditorium.



How to reach us:

■ From Rome (downtown)

You can reach Sulmona either by train (from Tiburtina Station) or by bus (from Piazzale Tiburtina, very close to Tiburtina Station).

○ By train

Sulmona is regularly connected to Rome by the regional railway line. The trip takes about 3 hours

One way or return tickets from Rome to Sulmona can be booked on-line at <http://trenitalia.it/>

○ By bus

Another way to reach Sulmona is by bus, using the company Schiappa Paoli bus (tel. 086474362). The trip takes 2 hours. Details for departure and arrival are given below:

Roma-Sulmona:

Departure: Piazzale Tiburtina

Arrival (on request): Ponte Capogrossi or Parcheggio Santa Chiara.

Note: since Sulmona is not the terminus of the route, each stop is on request.

Sulmona-Roma:

Departure: Porta Napoli

Arrival: Piazzale Tiburtina

An up-to-date time-table is not available at the moment (it will be communicated as soon as possible).

One way or return tickets from Rome to Sulmona can be booked on-line at https://www.autobus.it/U1_5_5/UTENTE/UT_LOGIN.ASP?user=ARPA

Tickets can be also purchased directly at the counter of Schiappa Paoli bus at the Tiburtina Bus Station (one way ticket costing 13,20).

■ From Fiumicino International Airport to Tiburtina Station

1. take a shuttle train to Rome (from the Fiumicino Airport railway station): Leonardo Express to the Termini railway station in Rome (tickets can be booked on-line at <http://www.trenitalia.com/cms/v/index.jsp?vgnextoid=e8a209296b85a110VgnVCM10000080a3e90aRCRD>)
2. at Termini take the subway Line B to the Tiburtina Station, direction Rebibbia (four stops) <http://www.metroroma.it/MetroRoma/HTML/IT/Servizi/Muoversi+a+Roma/MetroB.htm>
3. At the Tiburtina station, exit the railway station, go to Piazzale Tiburtina (2 min walk) where there you can find the bus station.

■ From Roma Ciampino International Airport to Tiburtina Station

1. take a shuttle bus to Roma Termini http://www.terravision.eu/rome_ciampino.html, <http://www.sitbusshuttle.it/>
2. at Termini take subway Line B to Tiburtina Station, direction Rebibbia (four stops) <http://www.metroroma.it/MetroRoma/HTML/IT/Servizi/Muoversi+a+Roma/MetroB.htm>

■ From Rome by car (100 km)

Take the Highway (Autostrada) A-24, direction L'Aquila-Teramo (exit no. 14 of Grande Raccordo Anulare). At the motorway crossing Svincolo direzionale Torano, take the Highway A-25, direction

Pescara.

■ **From Pescara:**

Another possible connection to L'Aquila is via the Pescara airport which will surprise you with so many international connections <http://www.abruzzo-airport.it/eng/index.php>

Once in Pescara Airport

either

- rent a car and take the highway A-25, direction Rome

or

- take the coach no. 38 departing every 15 minutes to the Pescara Railway Station. Single trip: € 1,00
- at Pescara Railway Station (exit the station) go to the ARPA bus station (2 min walk)
- take the train to Sulmona.

Satellite event

Workshop on Unusual Materials,
Sulmona, 1-3 October 2009

Personal invitation only - [please login here](#)

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