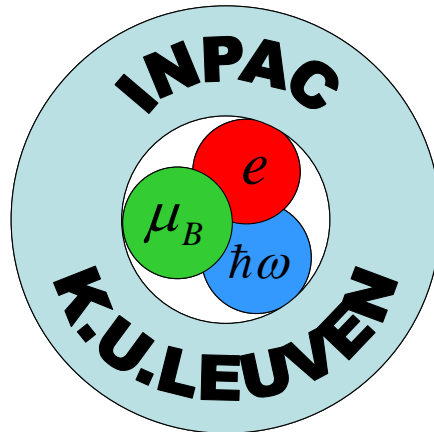




KATHOLIEKE
UNIVERSITEIT
LEUVEN



2008 Annual INPAC Meeting

4 december 2008

European Center **La Foresta**
Vaalbeek

Programme

08h30-09h00 *Arrival and Coffee*

09h00-09h15 **Welcome and opening address**
Victor V. Moshchalkov

Session 1: Chair: Arnout Ceulemans

09h15-09h45 **WP6 highlights “Materials for nanophotonics”**
Koen Clays

09h45-10h15 **WP1 highlights “Nanosuperconductors”**
Victor V. Moshchalkov

10h15-10h45 *Coffee*

Session 2: Chair: Chris Van Haesendonck

10h45-11h15 **WP2 highlights “Nanomagnets”**
Andre Vantomme

11h15-11h45 **WP3 highlights “Superconductor/ferromagnet hybrid nanosystems”**
Alejandro Silhanek

11h45-12h45 **Poster Session**

12h45-13h45 *Lunch*

13h45-14h45 **Poster Session (continuation)**

Session 3: Chair: Peter Lievens

14h45-15h15 **WP4 highlights “Carbon nanosystems”**
Arnout Ceulemans – Alexander Volodin

15h15-15h45 **WP5 highlights “Silicon nanosystems”**
Andre Stesmans

15h45-16h15 *Coffee*

Session 4: Chair: Jos Vanderleyden

16h15-16h45 **WP7 highlights “Self-assembled molecular and macromolecular structures”**
Mark Van der Auweraer

16h45- *Closing with announcement of poster prizes*

Poster Session:

ROOM 1: Johannes Brahms

P01	Adisoejoso	Jinne	Programmable hierarchical three-component 2D assembly at a liquid-solid interface: recognition, selection and transformation
P02	Asselberghs	Inge	Organic materials for molecular switching
P03	Asselberghs	Inge	Second-harmonic generation in GFP-like proteins
P04	Badylevich	Mikhail	Electronic structure at the interfaces of cubic Gd ₂ O ₃ with embedded Si-nanocrystals
P05	Baert	Kasper	Angular dependency of optical properties of artificial opals
P06	Chen	Li	Mn ²⁺ -doped ZnS with various nanostructures: Synthesis and luminescent properties
P07	Claes	Pieterjan	IR spectroscopy of small neutral yttrium doped gold clusters
P08	Claes	Pieterjan	IR spectroscopy on cationic metal doped silicon clusters
P09	De Haeck	Jorg	Lithium doped germanium clusters
P10	De Meulenaere	Evelien	Nonlinear optics of fluorescent proteins
P11	Decat	Inge	Submolecular resolution imaging and spectroscopy of supramolecular heterocomplexes at the liquid/solid interface
P12	Decelle	Wim	Pulsed Fields Studies of Molecular Magnets
P13	Demeter	Joost	Exchange bias induced by the implantation of O in thin Co films
P14	Di Vece	Marcel	Hydrogen-induced changes in a Pd nanocluster film

ROOM 2: Frédéric Chopin

P15	Fleischmann	Claudia	In-situ surface characterization of clean Ge(100) substrates
P16	Franz	Edith	Benzothiazoliums and Pyridiniums for Second-Order Nonlinear Optics
P17	Fritzsche	Joachim	Highly transparent superconducting ? normal junctions in a homogeneous superconductor induced by local fields of magnetic domains
P18	Gillijns	Werner	Magnetic confinement of the superconducting condensate in S/F hybrids
P19	Gladilin	Vladimir	Magnetic dipole as vortex-antivortex generator
P20	Gonzalez-Urbina	Luis	FAST PHOTONICS Photonic Crystals Fabrication by Spin Coating
P21	Keunen	Koen	Atomic identification of the Si-B5 center in neutron-irradiated Si using ESR
P22	Kramer	Roman	Visualization of magnetic vortex pinning in superconductors
P23	Lando	Aur�lie	Enhanced fluorescence emission of quantum dots coupled to supported gold nanofractals
P24	Lauwaet	Koen	Controlled nanostructuring of a gold film covered with alkanethiol SAM by low energy cluster implantation
P25	Lei	Shengbin	Two dimensional surface confined nanoporous molecular networks at the solid-liquid interface
P26	Nishio	Taichiro	Inhomogeneity of initial flux penetration in a magnesium diboride single crystal
P27	Nuytten	Thomas	Temperature Dependence of the Photoluminescence of Self-Assembled InAs/GaAs Quantum Dots Studied in High Magnetic Fields
P28	P�rez-Moreno	Javier	Sum rules, quantum limits and the optimization of the first hyperpolarizability

ROOM 3: Maurice Ravel

P29	Planckaert	Nikie	The spin structure in perpendicularly magnetized Fe-FePt bilayers
P30	Raes	Bart	Self Organized Mode Locking Effect in Superconductor/Ferromagnet Hybrids
P31	Tikhomirov	Victor	Red-green-blue light generation in Yb-Er-Tm co-doped nanoparticles by irradiation with infrared or ultraviolet light
P32	Valev	Ventsislav	Nonlinear Optical Spectroscopy for Chiral (Nano)Materials
P33	Van de Vondel	Joris	Different regimes of nucleation of superconductivity in mesoscopic superconductor/ferromagnet hybrids
P34	Van der Auweraer	Mark	Charge carrier mobility and trapping in PVK film doped with CdSe/CdS and CdSe quantum dots
P35	Vandezande	Stijn	The intrinsic domain wall resistance of Fe films with a periodic domain pattern
P36	Vu Thi	Ngan	A Combined Experimental and Theoretical Study on Endohedrally Vanadium Doped Clusters
P37	Weldeslassie	Ataklti	Pinning centers produced by magnetic microstructures
P38	Xu	Hong	A multivalent hexapod: conformational dynamics of six-legged molecules in self-assembled monolayers at a solid-liquid interface
P39	Xu	Hong	Emerging solvent-induced homochirality upon confinement of achiral molecules against a solid surface
P40	Zhang	Gufei	High Field Transport properties of NbN thin films fabricated by reactive magnetron sputtering
P41	Zherebov	Alexei	Switching effects in PPB in planar electrode configuration

Post deadline contributions

P42	Jivanescu	Mihaela	Si nanocrystal formation in SiO ₂ by ion implantation: influence of in situ ultrasound treatment

Venue and Location

Place:

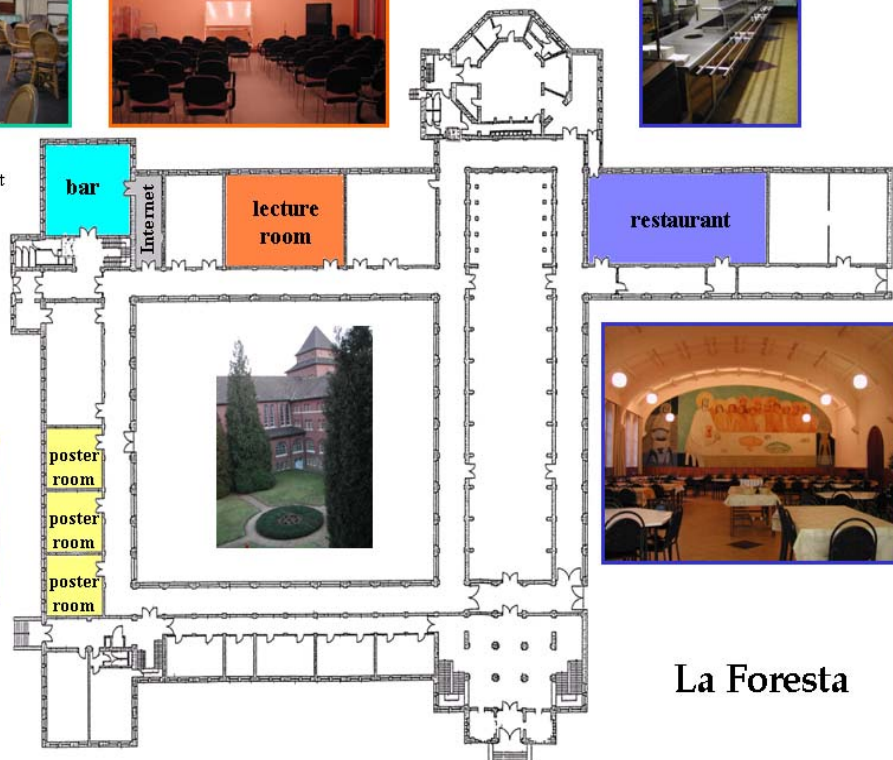
EUROPEAN CENTER LA FORESTA
Prosperdreef 9
3054 Vaalbeek
Belgium



Lecture room:
Wolfgang Amadeus Mozart
Internet room:
La Foresta Office
Poster rooms:
Johannes Brahms
Frédéric Chopin
Maurice Ravel
Bar:
Miguel de Cervantes
Restaurant:
Pieter Breughel de oude



Salon (below):
wiliam shakespeare



La Foresta

Notes

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