

**NanoTechnology
a New World!**

NanoGlobe Science



NanoDiscovery Conference

NanoSolid

Materials

Electronics

Photonics

Energy

Chemistry

Physics

Nano - Power&Danger
Lectures, Round Table
Social Discussion

NanoLife

Medicine

Pharma&Cosmetics

Biology

Food

Packaging

Agriculture

Textiles

Environment

Instruments

Electronics, Tools

Imageries

Manipulators

Other

NanoServices

Economic, Patents

Education

Media, Jobs

Other

NanoGlobe School

NanoTech Bases

Know-How

Start-uping

Business Talks

Project Labelling

Lecture & Paper Publication

CSLdV©

NanoTechnology a New World!

Save Money! Save Time! No Travel! No CO₂!



	Amphi1	Amphi2	Amphi3	Amphi4	Amphi5	Amphi6	Amphi7	Hall1	Hall2	Hall3
1 day	Symp.A	Symp.C	Symp.E	Symp.G	Symp.H	Symp.I	Symp.J	Symp.B1	Symp. B1	Symp.B2
	Symp.A	Symp.D	Symp.F	Symp.G	Symp.H	Symp.M	Symp.K	Symp. B1	Symp. B1	Symp. B2
2 day	Symp.B	Symp.D	Symp.F	Symp.G	Symp.H	Symp.M	Symp.K	Symp. B1	Symp. B1	Symp. B2
	Symp.A	Symp.C	Symp.E	Symp.G	Symp.H	Symp.I	Symp.J	Symp. B1	Symp. B1	Symp. B2
3 day	Symp.A	Symp.C	Symp.E	Symp.G	Symp.H	Symp.M	Symp.L	Symp. B1	Symp. B1	Symp. B2
	Symp.B	Symp.D	Symp.F	Symp.G	Symp.H	RT	Symp.K	Symp. B1	Symp. B1	Symp. B2
4 day	Symp.B	Symp.D	Symp.F	Symp.G	Symp.H	Symp.I	Symp.J	Symp. B1	Symp. B1	Symp. B2
	Symp.A	Symp.C	Symp.F	Symp.G	Symp.H	RT	Symp.L	Symp. B1	Symp. B1	Symp. B2
Time Zone 1 Session : Invited Talk, Lectures & Short reports, Posters 9-18h, Washington Time				Time Zone 2 Session : Invited Talk, Lectures & Short reports, Posters 9-18h, Berlin-Paris Time				Time Zone 3 Session : Invited Talk, Lectures & Short reports, Posters 9-18h, Seoul-Tokyo Time		

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Symposium A: Materials & Structures

Solid State Nano-objects: particles, capsules, powders..
Size and Dimensionally Confined Systems: wires, super-lattices, membranes, composites...
Carbon based Nanomaterials & Assembly
Methods of Solid State Nanosystems fabrication
Soft Matter Nano-objects: particles, capsules, channels, membranes
Complex Systems of organised soft matter nano-objects
Hybrid Systems: Soft matter/ Solid nano-objects
Functionalised Nanomaterials
Methods of Soft and Hybrid Matter Nanosystems fabrication
Smart Materials and other Nanomaterials
Theories, Modelling, Computation
Applications, Technologies, Prototypes

Symposium B: Smart Surfaces & Coatings

Surface Protection
Functionalised Surfaces
Active Surfaces
Biocompatibles & Hybrid Surfaces
Theories, Modelling, Computation
Applications, Technologies, Prototypes

Symposium C: Electronics, Molecular Electronics, Computers

Silicon-based Nanoelectronics
Carbon-based nanoelectronics
MEMS/NEMS Nano- electromechanical Systems (NEMS)
Electron Transport in Soft Matter Nanostructures & Single Molecules
Sensors
Spintronics, Nanomagnets
Nano- and Molecular Computers
Nanotechnology for Communication and Wireless
RFID systems
Other Systems for Nanoelectronics
Theory, Modelling, Computing
Applications, Devices, Prototypes

Symposium D: Photonics & Optics

Silicon nanophotonics
Smart" Optics, Photonic Crystals, Cables, Nano-induced surface optical effects, luminescence, colour, photochromic effects
Confined Nano-optical and Quantum Optical devices: emitters (Qdots), detectors, sensors
Nanoscale Imagery solutions
Components for Optical Computing and Communication: switches, antennas, lasers
Theory, Modelling, Computing
Applications, Devices, Prototypes

Symposium E: Energy

Solar Energy Conversion
Alternative Energy Conversion: thermal, mechanical
Fuel Cells & Hydrogen Storage
Bio-fuel Solutions
Energy transport & Storage: Absorbers, Batteries, Membranes
Theory, Modelling, Computing
Applications, Devices, Prototypes

Symposium F: Physics, Chemistry, Engineering of NanoSystems

Solid NanoSystems & Interfaces
Soft Matter NanoSystems & Interfaces
Mechanics & Dynamics
Composites
Complex & Hybrid Systems
Thermodynamics, Reactivity, Stability
Nanofluidics & hydrodynamics
Adhesion & Surface Forces
Phenomena at Interfaces
Quantum and Size sensitive Phenomena
Theory, Modelling, Computing

Symposium J: Tools for NanoFabrication

Fabrication Technologies & Tools
For Single objects
For 1,2, 3 Dimensional NanoArrays, Lattices, Systems

Symposium K: Tools for Analysis, Characterisation & Probing

Techniques for characterisation of Solid and Soft Matter
Nanoscale Systems
Probing & Imaging at the Nanoscale
Manipulation and Control of nanoscale objects and phenomena
Symposium L: Innovative NanoScale Tools & Machines
Sensors & Actuators
NanoFluid Systems
NanoMotors, NanoRobots
Nanomanipulators
Biologically Inspired Smart Devices and Materials
Software

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Symposium G: Medicine, Health, Pharmacy, Implants and Tissues

Early stage Diagnostics
Nanosurgery & Noninvasive Treatment
Cancer: Diagnostics & Therapy
Other Diseases (Plaque, Alzheimer, Atherosclerosis): Diagnostics & Therapy
Nanoobjects for drug delivery & controlled release
New Imagery, Contrast enhancers, Smart detectors
Tissue Regeneration Control
Smart Implants for Health Control
Health Safety

Symposium H: Biology, Food, Packaging, Agriculture, Textiles

Nano-objects for biomedical applications
Detection & Control of Proteins, RNA, Cell Machinery
Control of Cells: Stem Cells differentiation
Smart Bio-implants & control of Biological Functions
Functional Biomolecular Membranes
Coatings for hygiene surfaces, for antibacterial applications
Imagery, Probing and Biomanipulation
BioSensors, chips and arrays
Nano-bioelectronics, conductive biopolymers
Nanocapsules and nano-objects for "on demand" preservatives, enriched food, flavour, smell, taste and colours
Interactive food: attractive surface treatment, glaziers and colours
Improvement of food safety and quality, Extension of products shelf-life
Nanotechnology for Food processing
Special Food
Nano-additives for improved packaging: durability, functionality and quality
Nanoprinted, Intelligent packaging, Controlled Release, RFID Monitoring
Nanotechnology for Controlled Agriculture
"Smart" & Responsive Textiles, Reinforced, Enhanced

Symposium I: Environment Protection, Safety

Water Desalination & Filtration
Nanotechnology for environment protection and cleaning: Gas, organics, heavy metals capture, storage, treatment and waste remediation
Nanotoxicology
Environmental monitoring
Protection Methods for Nano-Production sites and workers
Nanotechnology Health Risks: test laboratories
Enhanced Safety Textiles for aerospace, automotive, construction

Symposium M: Education of Workforce and the Public

Biological & Environment Safety
Social impacts & raising the scientific literacy of the public
Undergraduate and Graduate Education
Regulations, Ethics & Legal Aspects related to Nanotechnology
Responsible, efficient, and safe transfer of nanotechnology developments to industry Education in Nanotechnology

Round Table (RT): Environmental and Health Risks, Safety

Symposium B1: Business Talks

Global trends in Nanotechnology Market: Propulsions & Barriers
Entrepreneurship Basis & Nano Specificity
Research & Technology Transfer
Patents and other methods of know-how protection
Getting to the Market – What to Expect
Getting to the Market – What to Avoid
From Lab to Market – Transitioning Ideas and Peoples
Environment, Health & Safety Standards for Nanomaterials manufacturing
National & International Safety Standards
Educated Workforce & Training
Tax Incentives
Business Growth
To Keep or to Sell the Company? Reasoning, When, How
Company Product & Services Presentation

Symposium B2: Investor Talks

New fortunes in technology investment
Investing Bodies: Business Angels, Venture Capital; Public Programs
Public Funding of Nanotechnology
National/Regional Innovation Systems - the best places to commercialize new technology?
Entrepreneurial Spirit and Creating Fundable Ventures from Universities
Leveraging Global Resources in Building and Funding Growth Ventures

Start-up School:

Entrepreneur's ABCD
Know-How Protection
Looking for Investors
Company Project Presentations
Company Award Ceremony