

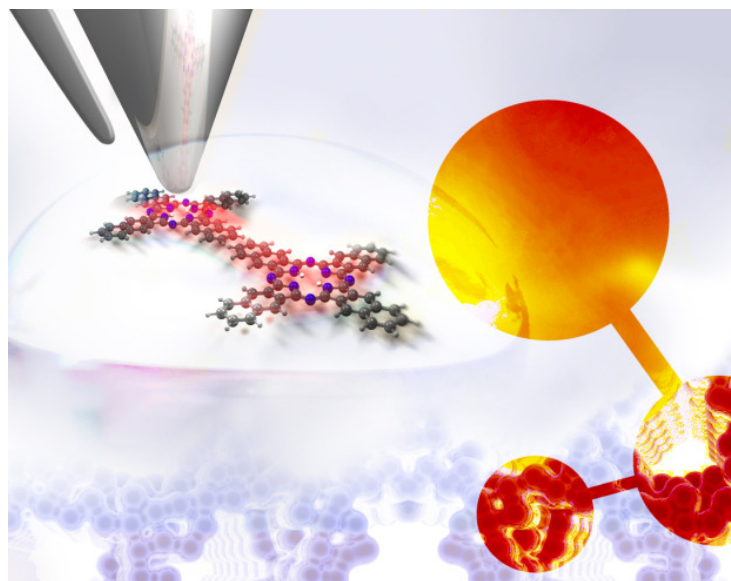
2nd International Conference



1st Announcement & Call for Papers

October 12th - 14th 2010

Hotel FLORA, Olomouc,
Czech Republic, EU



CONFERENCE SCOPE

2nd International Conference NANOCON 2010 will be based on the focus of the Conference NANOCON 2009, with the orientation above all on nanomaterials, their properties, characteristics and applications in different areas, including biotechnology and medicine.

In response to the wish of the participants in NANOCON 2009 and in consideration of the development of nanotechnologies in the Czech Republic and worldwide, NANOCON 2010 will be held in five sessions, which will be divided into sub-sessions, depending on the focus of registered papers. The conference will start again with a plenary session with the appearance of significant foreign and Czech names.

CONFERENCE THEMES

- Plenary session
- Nanomaterials
- Nanotechnology and nanomaterials application
- Bionanotechnology, nanomaterials in medicine
- Health, safety and environment challenges
- Posters

ORGANIZERS



CONTACTS, QUESTIONS

NANOCON 2010

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710 00 Ostrava e-mail: info@nanocon.cz
Czech Republic, EU URL: www.nanocon.cz

DEADLINES

Abstracts	June 15 th 2010
Full texts	Sep 15 th 2010
Registration	Oct 5 th 2010
Presentations	Oct 10 th 2010

**REGISTRATION, PAYMENT, DEADLINES, TRANSPORTATION, ACCOMMODATION, PROGRAM
AND OTHER INFORMATION:**

www.NANOCON.cz

CONFERENCE CHAIRMEN

Ing. Tasilo Prnka, DrSc.
Doc. RNDr. Radek Zboril, Ph.D.

CSNMT
UP Olomouc

STEERING COMMITTEE

Ing. Katerina Peskova
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Eva Hůlová
Bohumil Nejedlý

TANGER Ltd., Ostrava
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PROGRAMME COMMITTEE

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INOVA PRO Ltd., Prague

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Ing. Frantisek Peterka, Ph.D.

Nanopin Centre, Prague

RNDr. Michael Solar, CSc.

CVUT Prague - UTEF

RNDr. Milada Vomastkova, CSc.,

ME, Prague

Ing. Jiri Zelenka, CSc.,

SYNPO,a.s., Pardubice

CONFERENCE THEMES

1. NANOMATERIALS

Application of contributions focused on nanomaterials will be accepted:

- according origin: natural nanomaterials (bionanomaterials), ubiquitous nanoparticles from voluntary human activities, manufactured nanoparticles and nanomaterials
 - according chemical composition: Ag, TiO₂, ZnO, CeO₂, carbon nanomaterials (C60, SWCNT, MWCNT, graphene, diamond, DLC), ZVI, magnetic nanomaterials, semiconductors, etc.
 - according shape: nanoparticles, agglomerates, nanofibers, nanowires, nanocapsules, nanotubes, nanolayers and films, bulk nanostructured materials, nanoporous materials, etc.
 - according properties: chemical properties, physical properties, mechanical properties, etc.
 - nanocomposites: with polymer matrix, with other matrix, hybrid materials
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2. NANOTECHNOLOGY AND NANOMATERIALS APPLICATION

Application of contributions focused on nanotechnology and nanomaterials practical use will be accepted:

- nanocatalysis, coatings and paints, nanofiltration, nanoelectronics, nanophotonics, sensors
 - applications in food industry, in textile industry, in energy production and storage, in automotive industry, in construction, in household (detergents, white goods), etc.
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3. BIONANOTECHNOLOGY, NANOMATERIALS IN MEDICINE

Application of contributions focused on bionanotechnology and application of nanomaterials and nanotechnologies in medicine will be accepted:

- antibacterial materials and means, biocompatible materials and interfaces, magnetic materials, biomolecular sensors, lessons from nature
 - targeted drug transport, nano-drugs, tissue engineering, diagnostics, molecular analysis, cancer therapy, implants
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4. HEALTH, SAFETY AND ENVIRONMENT CHALLENGES (HSE)

Contributions applications focused on manufactured nanoparticles influence in environment and on different health, safety and environmental aspects of nanotechnologies application will be appreciated:

- manufactured nanoparticles – influence on environment a human health, safety at work and transport, monitoring, measurement and test methods, definitions, potential toxicity (mechanisms), bioaccumulation, exposition, particle fate in the whole life cycle
 - risk governance, safety and responsible research (codex), REACH, international cooperation, EU and Czech republic approach, public awareness
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5. POSTERS

Posters applications focused on nanotechnologies and nanomaterials without limitation will be accepted.

GENERAL INFORMATION

Date: October 12th - 14th 2010
Venue: Hotel FLORA, Olomouc, Czech Republic, EU
Conference language: English

REGISTRATION OF PAPERS AND POSTERS

Abstract in English language incl. keywords input via www.nanocon.cz conference registration system in range min. 200 words and max. 250 by the **June 15th 2010**.

It is not possible to include the paper without abstract to the conference programme.

PAPERS INTO THE CONFERENCE PROCEEDINGS

Range of paper is max 6 pages incl. pictures and 10 MB. Papers input via www.nanocon.cz conference registration system by **September 15th 2010**. The conference Program Committee reserves the right to include the papers what were received in the paper or poster section.

INSTRUCTIONS FOR THE AUTHORS OF POSTERS

Poster session will take place on **October 13th 2010** from 6 p.m. in the event space. We recommend exhibit the posters throughout the conference, from October 12th to October 14th 2010. The area for the disposal of the authors of posters will be 1 m (width) × 1.5 m (height). As the proceedings are going to be published also on CD-ROM, it is possible to send the text of the poster in the range of up to 6 pages. We ask the authors for sending the texts by **September 15th 2010** at the latest.

PRESENTATION

Please input your ppt presentation via www.nanocon.cz conference system in the filename of surname_conference_titleofpaper.* (the first 10 symbols of title) by **October 10th 2010** or at the conference registration by **half an hour** before the beginning of the symposium at the latest.

CONFERENCE PROCEEDINGS

Printed conference proceedings including abstracts of papers and posters and a CD contain full texts will be published as of the date of the conference. The proceedings including full texts of papers will be published at www.nanotechnologie.cz and www.nanocon.cz. Selected Papers from Proceedings of NANOCON 2009 International Conference were sent to reputable Thomson-Reuters Database

TRANSPORTATION

By bus - Olomouc, bus terminal, next by tram Nr. 4 from the stop "Aut. nadrazi podchod" to stop "Vystaviste Flora" and by foot approx. 5 min to hotel

By train - railway station Olomouc, hl. n., next by train to station Olomouc Mesto and by foot approx. 5 min. to hotel

By car - go all the way to the hotel parking lot

By plane - airport Osrava - Mosnov, Brno - Turany or Prague - Ruzyne and from there by bus, car or train to Olomouc

FOOD AND EVENING PARTY (included in conference fee)

Food is for participants reserved in hotel FLORA.

Evening party will be held on October 12th 2010 from 7 p.m. in restauration in hotel FLORA.



ACCOMMODATION

The accommodation will be booked by organizers in hotel FLORA and is paid by participants in registration form. Please don't book your room in the hotel, but via www.nanocon.cz conference system.

Hotel FLORA provides a wide range of services to those interested: Balneo centre (swimming pool, massages, whirlpool, floating, sauna) hairdressing, cosmetic saloon are available there - more on www.hotelflora.cz

PRICE OF ACCOMMODATION

- | | |
|------------------------------|---------------|
| • Double room | 75 EUR |
| • Double room for single use | 60 EUR |

IMPORTANT DATES

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|---|----------------------------------|
| • Deadline for input of abstracts | June 15th 2010 |
| • Deadline for uploading full texts | Sep 15th 2010 |
| • Deadline for registration and payment | Oct 5th 2010 |
| • Deadline for uploading presentations | Oct 10th 2010 |

CONFERENCE FEE

- | | |
|-------------------------------|----------------|
| • Authors of paper and poster | 180 EUR |
| • Other participants | 200 EUR |
| • PhD students (daily study) | 100 EUR |

PRESENTATION OF COMPANIES

We offer the following forms of presentations to companies:

- | | |
|--|----------------|
| • Accompanying exhibition during the conference | 280 EUR |
| • Color advertisement outside of printed proceedings and on a CD-ROM | 360 EUR |
| • Color advertisement inside of printed proceedings and on a CD-ROM | 280 EUR |
| • Black-and-white advertisement inside of printed proceedings and on a CD-ROM | 200 EUR |
| • Company presentation (20 min) included in the conference program and CD-ROM (till 10 MB) | 240 EUR |
| • Workshop (presentation of company) price per 1 hour | 280 EUR |
| • Placement of a company logo in the main auditorium and at the conference web site | 80 EUR |
| • Distribution of company materials during check-in of participants | 40 EUR |

SPONSOR OF THE CONFERENCE

We offer the following services for a sponsor of the conference:

- A 20-minute company presentation included in the conference program
- Placing a color advertisement in the conference proceedings
- Placing a company presentation of up to 10 MB on a CD-ROM (full texts of papers and posters)
- Placing a company logo in the main conference room and on the conference website
- Distribution of company materials into the bags by the registration
- Free participation of 2 company representatives without participation fees
- Accompanying exhibition during the conference

Total costs **1200 EUR**

CORRESPONDENCE ADDRESS

NANOCON 2010

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Please register via conference web site: www.NANOCON.cz