



NANOCON 2017 **9th International Conference**

1st ANNOUNCEMENT & CALL FOR PAPERS

October 18th - 19th 2017

Hotel Voronez I, Brno, Czech Republic, EU



TANGER Ltd.

Czech Society for New Materials and Technologies

Regional Centre of Advanced Technologies and Materials

CONFERENCE SCOPE

Nanomaterials - preparation, properties, characterization. Applications of nanotechnologies in industry, environment, medicine and biotechnology. The influence of nanomaterials to environment, health; metrology and standardization of nanomaterials. The conference will be opened by the plenary session with the appearance of significant speakers focused on research and applications of nanomaterials. Conference abstracts will be accepted into five theme sections.

TOPICS / SESSIONS

P PLENARY SESSION

Prof. Dr. Radek ZBORIL
Palacky University in Olomouc,
RCATM
Ing. Jirina SHRBENA
Inova Pro Ltd., Prague

- October 18th 2017, 10:00 - 12:00

A NANOMATERIALS FOR ELECTRONIC, MAGNETIC AND OPTIC APPLICATIONS. CARBON NANOSTRUCTURES, QUANTUM DOTS

Prof. Dr. Eduard HULICIUS
Institute of Physics of the AS CR,
v.v.i., Prague
Dr. Martin KALBAC
J. Heyrovsky Institute of Physical
Chemistry of the AS CR, v.v.i.,
Prague
Dr. Oldrich SCHNEEWEISS
Institute of Physics of Materials
of the AS CR, v.v.i., Brno

- Low-dimensional carbon nanostructures and their applications.
- Fullerenes, carbon nanotubes, nanodiamonds.
- Graphene, its derivatives and analogues.
- Quantum dots and their applications.
- Magnetic, metal and oxidic nanomaterials, alloys.
- Mechanical properties of nanomaterials. Nanophotonics, spintronics, fluorescent nanomaterials, memory media, nanoelectronics, optical technologies, LED technologies.

B INDUSTRIAL & ENVIRONMENTAL APPLICATIONS OF NANOMATERIALS

Prof. Dr. Radek ZBORIL
Palacky University in Olomouc,
RCATM
Prof. Dr. Miroslav CERNIK
Technical University of Liberec
Prof. Dr. Miloslav PEKAR
Brno University of Technology, Brno

- Applications in catalysis, photocatalysis; nanocoatings and paints, thin films, applications in civil construction, chemical, textile and consumer industries. Nanofiltration, water treatment and environmental applications.
- Energetics, solar cells. Lithium batteries. Nanotribology.

C BIONANOTECHNOLOGY, NANOMATERIALS IN MEDICINE

Assoc. Prof. Dr. Anton FOJTIK
Czech Technical University in Prague
Prof. Dr. Jiri HOMOLA
Institute of Photonics and Electronics
of the AS CR, v.v.i., Prague

- Antibacterial materials and products, biosensors, biocatalysers, biochemical applications, biogenic nanomaterials; Targeted drug

transport, tissue engineering, diagnostics, MRI and other imaging and analytical methods applied in medicine, molecular analysis, antitumor therapy, intelligent biomaterials, nanoimplants, marking and separation of cells.

- Nanomachines, nanorobotics.

D MONITORING AND TOXICITY OF NANOMATERIALS

Dr. Jan TOPINKA
Institute of the Experimental
Medicine of the AS CR, v.v.i.,
Prague

- Influence of nanomaterials on environment and health, potential risks of production, applications and transport of nanomaterials; Monitoring of nanomaterials, toxicity and eco-toxicity of nanomaterials, mechanisms of interaction of nanomaterials with a cell and with living organisms, influence of a size, morphology and of functionalization of nanomaterials to their toxicity, fate of nanomaterials in environment.

E ADVANCED METHODS OF PREPARATION AND CHARACTERIZATION OF NANOMATERIALS

Dr. Petr Klapetek
Czech Metrology Institute, Brno
Dr. Pavel JELINEK
Institute of Physics of the AS CR,
v.v.i., Prague

- Managed functionalization of nanomaterials, self-assembly, hybrid multidimensional systems, new methods and approaches to characterization of nanomaterials, progress in applications of electron microscopy, in scanning tunnelling microscopy and in microscopy of atomic powers, STM / AFM applications - study of chemical reactions, imaging of molecules; nanomechanics, methods of nano-manipulation, methods of computational chemistry for modelling of nanocrystalline materials and their interactions, advanced spectroscopic and synchrotron methods of study of nanomaterials.

INFORM YOUR COLLEAGUES

Just a few clicks and your colleagues will be informed. Quickly and easily. Please click on „Inform your colleagues“ on the conference website.



GENERAL CHAIRMAN

Prof. Dr. Radek ZBORIL
Palacky University in Olomouc, RCATM

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CONFERENCE SECRETARIAT

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TANGER Ltd., Ostrava

Bc. Monika BAROSOVA
TANGER Ltd., Ostrava

Eva HULOVA
TANGER Ltd., Ostrava

Ing. Tasilo PRNKA
TANGER Ltd., Ostrava

GENERAL INFORMATION

Date: October 18th - 19th 2017
Venue: Hotel Voronez I
Krizkovskeho 47
Brno, Czech Republic, EU
Language: English

CONFERENCE SYSTEM

Please Register / Log in to the conference system for abstract and papers submission, presentation upload, conference fee, payments etc. - www.NANOCON.eu

ABSTRACT

200 - 250 words, in English

PAPER

Format: MS Word 97 and newer, page A4, margins 20 mm, spacing 1.2 line. 6 pages incl. figures max. Files size 20 MB.

POSTER

The poster session will be held Oct 19th 2017 from 17:00. Poster sizes: 800 mm (width) × 1200 mm (height). Full text can be included into Conference Proceedings. 6 pages incl. figures max. Files size 20 MB.

INSTRUCTION FOR AUTHORS

Please read carefully instructions for creation of abstracts, papers, posters, presentations - „Instruction for Authors“ on the conference website.

CONFERENCE PROCEEDINGS

The full texts of papers / posters will be sent for indexing into the database Web of Science / Web of Knowledge incl. CPCI (Thomson Reuters) and Scopus (Elsevier).



INDEXED IN
ISI Web of Knowledge™

CONFERENCE FEE

	Early Bird - till July 31 st 2017	Fee after Aug 1 st 2017
Authors of papers and posters	280 EUR	300 EUR
Other participants and co-authors	330 EUR	350 EUR
Ph.D. students (daily study) with paper / poster	180 EUR	200 EUR
Other Ph.D. students (daily study)	200 EUR	220 EUR
Official letter of invitation	25 EUR	25 EUR

* Programme committee reserves the right to change the classification of the paper (lectures / posters) or refuse it.

DEADLINES * subject to change

JUL 31	SEP 15	SEP 15	OCT 3	OCT 16	OCT 18 10:00	OCT 18 20:00	OCT 19 17:00	OCT 19 20:00
ABSTRACTS	REGISTRATION	PAYMENT	PAPERS	PRESENTATIONS UPLOAD	CONFERENCE OPENING	SOCIAL EVENING	POSTER SESSION	DINNER

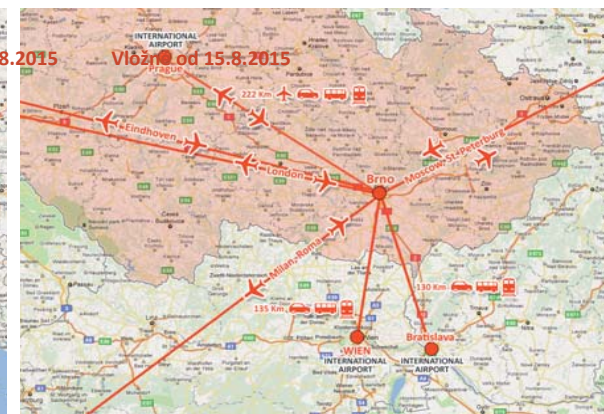
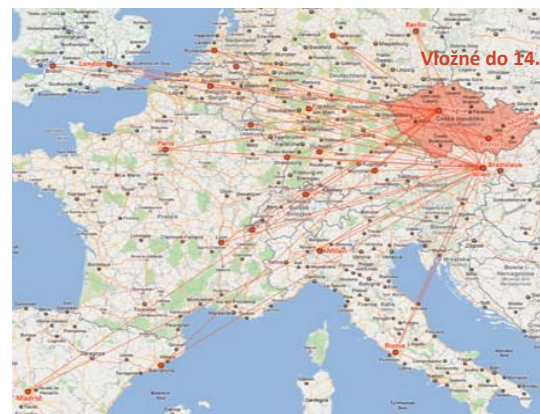
TRANSPORTATION

Airports - Brno (15 Km), Bratislava (130 Km),
Wien (135Km), Prague (222 Km - from the hotel)

Bus & Train - www.idos.cz

Local bus - line 44,84 from the railway station to the hotel

Car - maps.google.com (use Route planner)



ACCOMMODATION

Participants reserve the accommodation themselves. The OREA Hotel Voronez I**** and II*** are situated in the close vicinity of the Brno Fairgrounds. The hotel offers high standard in 368 rooms, suites and business suites with bathroom, WC, electronic key, spy hole in the door, smoke detectors, Wi-Fi connection, satellite and Pay TV with the interactive contact with reception desk. Superior class rooms are air-conditioned and guests are provided with special services. The hotel also offers car rentals, sauna, massages, hair designer and Internet. The dining services are provided in the Atrium restaurant and Grill-bar Gourmet.

LUNCH, COFFEE BREAKS

Breakfast and lunch are served in the hotel restaurant, coffee breaks and refreshments in the lobby. - included in the conference fee.

SOCIAL EVENING & DINNER

Social evening - Oct 18th 2017, 20:00. Hotel restaurant

Dinner - Oct 19th 2017, 20:00. Hotel restaurant

Social evening and dinner are included in the conference fee.

Please register at:

www.NANOCON.eu

ABOUT THE CONFERENCE

NANOCON 2016 - During the three days of the conference almost 80 lectures and 200 posters on 5 different thematic areas were presented for more than 350 participants from 23 countries. The proceedings are sent for indexing in the database Web of Science / Web of Knowledge (Thomson Reuters) and / or Scopus (Elsevier). The conference belongs among the most important events of its kind in Central Europe.

Many remarkable scientists participated in the conference in previous years, like:

Dr. David BELJONNE	University of Mons, Mons	Belgium
Prof. Dr. Thomas MICHELY	University of Cologne, Cologne	Germany
Prof. Dr. Louis E. BRUS	Columbia University, New York	USA
Prof. Dr. Patrik SCHMUKI	Friedrich-Alexander University of Erlangen-Nürnberg	Germany
Prof. Michael GRAETZEL	Ecole Polytechnique de Lausanne	Switzerland
Prof. Krzysztof MATYJASZEWSKI	Carnegie Mellon University in Pittsburgh	USA
Prof. Dr. Horst WELLER	University of Hamburg, Hamburg	Germany
Prof. Seeram RAMAKRISHNA	National University of Singapore	Singapore
Prof. Gregory LOWRY	Carnegie Mellon University in Pittsburgh	USA
Prof. Paul MULVANEY	University of Melbourne	Australia

ADVERTISING & SPONSORING

The prices are without VAT 21 %

SPONSOR OF THE CONFERENCE	1300 EUR
Accompanying exhibition during the conference* (free entry for 1 participant)	550 EUR
Company presentation - oral presentation 15 min or poster (free entry for 1 participant)	330 EUR
Workshop / company presentation (price per hour)	370 EUR
Color advertisement on the cover of printed publication „Abstracts“ (A4)	550 EUR
Color advertisement inside printed publication „Abstracts“ (A4)	370 EUR
Black-and-white advertisement inside printed publication „Abstracts“ (A4)	220 EUR
Company logo / banner in the main auditorium	190 EUR
Distribution of promotional materials during check-in of participants	115 EUR

*) Exhibitors are required to insure the exhibited items against damage, theft, etc.

We look forward to seeing you at the conference NANOCON 2017.

TOPICS, DEADLINES, FEES, TRANSPORT, VISA, HOTEL, POI, INSTRUCTION FOR AUTHORS, REGISTRATION, ABSTRACT & PAPER SUBMISSION, PRESENTATION UPLOAD, PAYMENT ETC. CAN BE FOUND ON:

www.NANOCON.eu



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DR. TASILO PRNKA PRIZE

Take a part in a contest Dr. Tasilo Prnka prize for the author to 33 years. The winner will be awarded prize.



BEST POSTER CONTEST

Take part in a contest for the best poster. The first three winners will be awarded prizes and five honorable mentions will be granted.



CONTACTS

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