MINISTRY OF INDUSTRY AND TRADE

Konsulat der Tschechischen Republik in Düsseldorf

20 years CZECHINVEST

The Czech Republic meets Denmark

Nanotechnology Seminar

2 October 2012, 10:00–16:00

Embassy of the Czech Republic in Denmark
Ryvangs Allé 14-16, 2100 Copenhagen Ø

PROGRAM

9:00–10:00 **Registration, coffee and snacks**

10:00 **Welcome Address**

-- **Embassy of the Czech Republic in Copenhagen**
Zdenek Lycka, Ambassador

-- **CzechInvest**
Stepan Prochazka, Director for Scandinavia Operations

Speakers (presentations will be held in English)

-- **CEITEC, Central European Institute of Technology**
Mr. Jan Ostrizek, International Relations Manager

-- **Nafigate**
Mr. Richard Sveda, Executive Director

-- **NANO IRON**
Mr. Jan Slunsky, Director

-- **NANOProtex**
Mr. Roman Knizek, Mr. Rudolf Rambousky, Mr. Zdenek Chaloupka

12:00–12:15 **Coffee Break**

-- **DTU Nanotech**
Mr. Jiri Cech, Department of Micro- and Nanotechnology

-- **Synpo**
Mr. Jiri Zelenka, Head of the Czech Centre of Nanostructured Polymers

-- **Regional Centre of Advanced Technologies and Materials**
Mr. Lubomir Lapcik, Head of R&D

-- **Nanoprogres**
Ms. Liliana Berezkinova, Sales and Marketing Manager

13:30 **Lunch Break and Oportunity for B2B meetings**
Czech beer and lunch will be served

The participation is free of charge

For registration and more information, please contact:

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www.mzv.cz/copenhagen

Czech Republic

www.czechinvest.org

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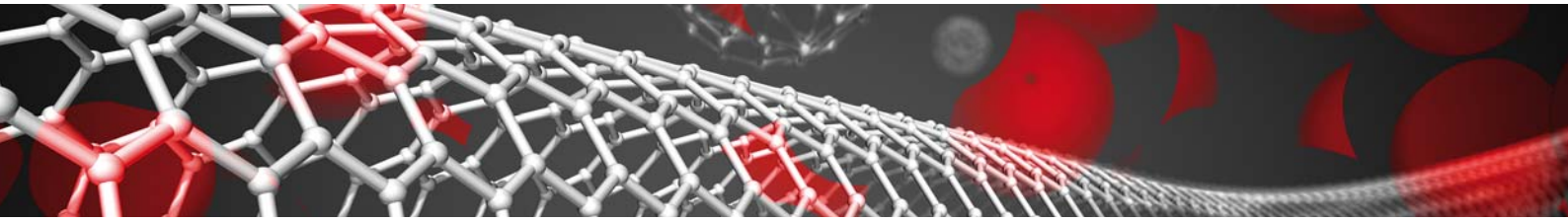

COMPANY PROFILES NANO-WORKSHOP DENMARK

Nafigate

NAFIGATE Corporation is a Global Centre of Excellence and Commerce giving practical support to innovations and assisting with establishing and market developing start-ups in nanofiber applications. The Corporation operates a unique portal as a flexible communication platform for global nanofibres community consisting of the academic, corporate, and financial worlds. **www.nafigate.com**

Regional Centre of Advanced Technologies and Materials

The main objective of the Regional Centre of Advanced Technologies and Materials (RCPTM) is the regular transfer of the developed high-tech technologies into the medicinal, industrial and environmental practice and the participation of the Centre in the prestigious international networks and consortia. **www.rcptm.com**

NANO IRON

NANO IRON, s.r.o. is engaged in production of nanoparticles of elementary iron (Fe(0), nZVI = nanoscale Zero-Valent Iron) and technical support in their application. Innovative in-situ groundwater remediation (usually polluted by chlorinated hydrocarbons and heavy metals) is primary application of this product. The company disposes of a unique, environmentally friendly and wasteless technology enabling production of Fe(0) nanoparticles at the industrial scale with almost unlimited production capacity. Currently it is the only large-scale European producer of such material. **www.nanoiron.cz/en/home-page**

Synpo

Synpo has existed as an R&D center for more than 60 years. It was a government-owned R&D center for research into coatings and resins until 1992, when it became a privately held corporation, which continued to carry out commercial R&D for clients. Synpo has had many years of experience in applied polymer science and in the development of products for coatings, composites, adhesives, and various binders used in electronic industries and in graphic arts. Synpo also established a Centre of nanostructured polymers and polymers from renewable resources. **www.synpo.cz**

Nanoprogres

Nanoprogres is a Czech-based nanotechnology cluster which has been conducting commercially-driven research since 2010. The cluster is formed by 21 members - universities, R&D centres and small- and medium sized enterprises. The cluster's goal is to use its own coaxial nanofibers for the development of biomedical applications and to commercialize them. **www.nanoprogres.cz**

CEITEC

The CEITEC BUT Group of X-ray Micro CT and Nano CT is involved in the development and application of (micro and nano) computed tomography (μCT) techniques for visualization of the entire 3D structure of different samples with high spatial resolution, together with the development of laser-ablation based analytical techniques for 2D and 3D high-resolution elemental mapping. Laser-ablation based analytical techniques, namely Laser-Induced Breakdown Spectroscopy (LIBS) and Laser-Ablation Inductively Coupled Plasma Mass/Optical Emission Spectrometry (LA-ICP-MS/OES) have been proven by many authors in the last two decades as excellent tools for quantitative and qualitative microspatial analysis of wide variety of samples. **www.ceitec.vutbr.cz/en**

NANOPROTEX

NANOPROTEX Corporation in cooperation with the Faculty of Textile Engineering at the Technical University in Liberec was the first to develop a new nanofiber membrane for outdoor, sports and military purposes with excellent properties including extremely high steam permeability, water resistance with high water column and 100% wind resistence. NANOPROTEX products can also be used in other industries that require Hi-tech technologies such as NANOPROTEX nanofibers. **www.nanoprotex.eu**

For registration and more information, please contact:

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NAFIGATE corporation

NANOIRON FUTURE TECHNOLOGY

NANOPROTEX

REGIONAL CENTRE OF ADVANCED TECHNOLOGIES AND MATERIALS

nanoprogres

Synpo

Czech Republic