







The Czech Republic meets Italy

# Nanotechnology & Material Science Seminar



# **PROGRAM**

15:30-16:00 Registration, coffee and snacks

# 16:00 Welcome Address:

- Embassy of the Czech Republic in Rome
   H.E. Petr Buriánek, Ambassador
- Ministry of Industry and Trade of the Czech Republic
   Mrs. Ivana Troskova, CzechTrade Milano Representative Office
- -- Czechlnvest

Mr. Vojtech Helikar, Nanotechnology & Materials Business Development Manager at Czechlnvest Agency

-- Veneto Nanotech

Mr. Enzo Sisti, Corporate Manager of Veneto Nanotech

# Speakers (presentations will be held in English)

- CEITEC, Central European Institute of Technology
   MR. JAN OSTRIZEK, International Relations Manager
- -- RCPTM, Regional Centre of Advanced Technologies and Materials
  MR. PAVEL TUCEK, International Relations Manager
  Mr. Giorgio Zoppellaro
- -- SYNPO

Mr. Martin Navratil, General Director

- -- Material Research Centre, Brno University of Technology Mr. Miloslav Pekar, Head of the Centre
- -- NanoProgres

Ms. LILIANA BEREZKINOVA, Sales and Marketing Manager

# 17:30-19:30 Aperitivo and Opportunity for B2B meetings

Czech beer and refreshments will be served

For registration and more information, please contact:

Mr. Milan Tous Embassy of the Czech Republic PHONE: +39 06 36095729-30 EMAIL: commerce\_rome@mzv.cz

Mrs. Ivana Troskova Ministry of Industry and Trade of the Czech Republic Italian Representative office

PHONE: +39 022 9532109
EMAIL: ivana.troskova@czechtrade.cz

www.czechinvest.org



The participation is free of charge Registration is available until 3. 5. 2013











# COMPANY PROFILES NANO & MATERIALS – WORKSHOP IN MILAN

#### 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 ( $\mu$ CT) 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. <a href="https://www.ceitec.vutbr.cz/en">www.ceitec.vutbr.cz/en</a>

## **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** 

## 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. <a href="https://www.synpo.cz">www.synpo.cz</a>

# Material Research Centre, Brno University of Technology

Materials Research Centre (MRC) is a regional research center, operated as a separate department of the Faculty of Chemistry, Brno University of Technology, and is primarily focused on applied research in the field of inorganic materials and transport systems and sensors.

Materials Research Centre offers opportunities for cooperation in many areas of engineering materials such as standard and special binders, technical, engineering and refractory ceramics, composite materials, metals, alloys and their corrosion. These materials are tested, developed or their properties are intentionally modified. We are focusing on applications in industrial processes, technology treatments, design of new materials and processes and their implementation to practice. www.materials-research.cz/en/

## **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 nanofi bers for the development of biomedical applications and to commercialize them. www.nanoprogres.cz

## **Veneto Nanotech**

PARTNER:

Veneto Nanotech promotes the application of nanotechnologies and the development of new businesses. The main focuses are materials, nano-biotechnologies and the production of nano-devices. The activities concentrate on improving quality and performance of materials and manufacturing processes, on identifying increasingly precise and effective diagnostic methods and cures in the healthcare sector, on the environment and, generally, on the development of enhanced-performance nano-devices. Veneto Nanotech acts as go-between with the institutions and it is the point of reference for companies and research institutions interested in creating advanced technology products. Technology transfer is another main objective: Veneto Nanotech, in fact, supplies tangible support to companies that are interested in innovation and in the adoption of state-of-the-art production processes, www.venetonanotech.it/it/

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