

Dear Sir / Madam,

The Czech Republic is one of the global leaders in research, development and industrial production based on nanotechnologies in various sectors: **from scientific instrumentation and optics, through biotechnology to environmental applications, energy sector, textile and beyond.**

Dynamic growth, based on outstanding applied research, is linked, among others, to long tradition and world-leading position in **electron microscopy R&D and production**, **revolutionary nanofibre production machines** or to the **self-cleaning smart coatings containing titanium-dioxide nanocrystals** which achieve the highest cleaning efficiency in the world. The reason for this global success is a linkage of Czech top research centers with business community and the rapid application of innovations in practice.

With the purpose to share the **state of the art** in research and business and create opportunities to discuss collaboration,

**The Embassy of the Czech Republic to Belgium**

would like to invite you to

networking event with presentations of the leading Czech researchers

and of members of the Czech Nanotechnology Industry Association:

 „**Czech advanced research in nanotechnologies**

**and its successful transfer into commercial solutions** “.

**Date:**

Wednesday, 30st March, 2022

**10,00 – 13,00**

**Venue:**

Prague House

Avenue Palmerston 16, 1000 Bruxelles

**Preliminary programme:**

**9,30 – 10,00 Welcome coffee and registration**

**10,00 – 10,20 Opening remarks: Mrs. Lucie Čadilová, Director, Prague House and Mr. Pavel Klucký, Ambassador of the Czech Republic to Belgium**

**Introduction: Mrs. Martina Dlabajová, Member of the European Parliament**

**10,20 - 12, 15 Presentation of research representatives and companies, discussion**

**12,15-12,30 Intervention by a representative of DG Research and Innovation, European Commission**

**12,30-13,00 Discussion, closing remarks**

**13,00-14,00 Networking lunch**

**14:00 - 15:00 Possibility to continue B2B discussions**

Please kindly confirm your attendance to: **brussels@embassy.mzv.cz**

and in copy to: **commerce\_brussels@mzv.cz**

*Detailed programme of the event will follow upon your registration*

**Czech mission participants**:

**Researchers:**

**Prof. David Lukas** - Technical University of Liberec

**Prof. Michal Otyepka** - RCPTM/PU Olomouc

**Prof. Radek Zboril** – RCPTM/PU Olomouc

**Doc. Pavel Banas** – CATRIN/PU Olomouc

**Dr. Michal Urbanek** – CEITEC/VUT Brno

**Business representatives:**

**Mr. Jiri Kus** - Czech Nanotechnology Association

Since 2014, the Association brings together Czech nanotechnology companies from different

fields of business, from the textile industry and biotechnology through environmental

applications and optics to power generation.

**Mr. Jan Jonas** - FN NANO

Company FN NANO introduced highly efficient photocatalytic coatings of the 2nd generation

- functional coatings with an extremely strong photocatalytic effect and other products using

the same technology.

**Mr. Tomas Tethal** – IQS Group

IQS Group is the architect and builder of structures in the size of a human hair, but also a

thousand times smaller. These structures are so small that they can bend a beam of light, create a supporting scaffold for cell growth, or help to produce clean energy.

**Mr. Jarek Dolak** - SVCS Process Innovation

SVCS is manufacturer of thermal reactors (furnaces) that are used either for production or forR&D of semiconductors. Other target areas of SVCS include MEMS, nanomaterials and

nanotechnologies, sensors and thin films

**Ms. Lada Tomeckova Vyvialova** - Lada Vyvialova Creative Platform

The LADA fashion design studio focuses on the use of nanotextiles in the design of its clothing collections for ladies.

**Mr. Michael Carvan** - Lifetech

Czech technological company with a global reach and top know-how in pool, drinking and

wastewater treatment. The firm deals with air disinfection and deodorization and also

applications of nanoparticles, using the photocatalysis process, ozone technology, UV, and

AOP (Advanced Oxidation Process).

**Ms. Marketa Klicova** - NANOPHARMA

Engineering company focusing on research, development and production of innovative

material solutions using nanofiber structures for the specific needs of research and industry.

**Ms. Lucie Konecna** - NanoSPACE

Manufacturer of barrier-free bedding for people suffering from allergies, as well as antivirus

scarves. The largest Czech online store with nanofiber products.

**Mr. Ladislav Torcik** - NanoTrade

The company NanoTrade carries out applied research and development in the field of

antibacterial applications and functional antibacterial nanosilver® underwear.