

# Czech is Nano

Date: **October 15, 2015**  
Venue: **Permanent Representation of the Czech Republic to the European Union**  
15, Rue Caroly  
1050 Ixelles  
Brussels

Programme:

**09:30 – 10:00 Registration**

**10:00 – 10:10 Welcome**

**Jakub Dürr**, Deputy Permanent Representative of the Czech Republic to EU

**10:10 – 10:20 Opening Speech**

**Pavel Bělobrádek**, Deputy Prime Minister of the Czech Republic for Science, Research and Innovation

**10:20 – 10:40 Developments in Nanotechnologies**

**Christos Tokamanis**, Head of Unit Nanotechnologies and Advanced Materials, DG Research and Innovation

**10:40 – 11:00 Czech is Nano – Overview**

**Jiří Kůs**, President of Czech Nanotechnology Industries Association

**11:00 – 11:15 Nanostructures & Nanoarchitecture**

**Tomáš Těthal**, CEO, IQ Structures

**11:15 – 11:30 Nanomedicine**

**Daniel Maťátko**, Business Development, Contipro

**11:30 – 11:45 Nanofibers & Energy Storage**

**Jan Buk**, Production Director, Pardam

**11:45 – 12:00 R&D Infrastructure and Successful FP7 and H2020 Projects**

**Petr Pracna**, NCP for NMBP, Technology Centre ASCR

**12:00 – 13:00 Networking & Light Lunch**



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## Case Studies

### IQ STRUCTURES

#### IQ STRUCTURES

IQ Structures is a technology company focusing on incorporating of micro- and nanostructures into different materials and approaches for production of high-end products for end consumers, business to business, governments and scientific institutions. IQ Structures uses cutting-edge technologies and equipment to develop special surface structures that enhance materials with specific mechanical, optical, electrical and physicalchemical properties.

##### **Tomáš Těthal**

Tomáš Těthal is Managing director of IQ Structures and joint venture API Optix. Previously he worked as the managing director of Optaglio Group, an international group of companies in the security industry. In the nineties he became a pioneer of synthetic optics created by the electron beam. With his doctorate in nuclear chemistry, he is author and co-author of numerous patents.

#### CONTIPRO



Contipro has been involved in research, development and biotechnological production of active ingredients for the cosmetics and pharmaceutical industries for over twenty five years. With excellent production quality and research facilities, Contipro is one of the world's leading manufacturers of hyaluronic acid and applications thereof. The company places strong emphasis on research with almost 40 % of its employees involved in R&D.

##### **Daniel Mařátko**

Beginning with internship in the laboratories of Contipro working with biopolymers and studying its interactions, Daniel Mařátko later on finished his studies of molecular biology and bioinformatics at the Masaryk University in Brno. After another internship at the Institute of Biophysics in Brno in the field of electrochemistry of biopolymers, he moved back to Contipro to become an expert on nanofibers commercialization and to start the 4SPIN business development.

#### PARDAM



Pardam, s. r. o. produces high-quality nanofibrous materials (inorganic NnF CERAM© and polymer NnF MBRANE©) manufactured using industrial forcespinning production technology. Pardam has been focusing on production and development of nanofibrous materials since 2009 and has extensive experience with electrospinning and forcespinning production technology.

##### **Jan Buk**

Jan Buk currently works as Production Director of Pardam. He is also a Member of the Executive Board of the Czech Nanotechnology Industries Association and Member of the board of The Czech Society for Applied Photocatalysis. He became experienced professional on the field of development, production and application of nanofibrous materials with great experiences in technology development, commercialization and project management at nanofiber industry.