

# A.T1.5 REPORT ON WEBINARS

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Report on organized webinars

Version 1  
09 2021

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**NABIAM**



## Table of Contents

Table of contents .....	Error! Bookmark not defined.
1. Introduction .....	2
2. Preparation of webinars .....	2
3. Webinar Agendas .....	2
4. Webinar Recordings.....	3

## 1. Introduction

The report summarises the work that was done in organizing webinars in order to present results of competence mapping. In contrast to the other activities within NABIAM project, organization of webinars were not significantly influenced by the coronavirus situation, since all webinars were intentionally planned as a virtual event.

## 2. Preparation of webinars

All webinars were organized in the year 2021. Based the questionnaire distributed over social channels, emails and direct calls, speakers were identified from the entries in the survey. Two or three keynote speakers were announced on the first flyer 4 weeks before the webinar date. The flyer was distributed to the interested entities through social channels and direct emailing. Potential participants were able to register to the webinar with possibility to register also as a speaker. The final agenda was published one week before the webinar, reminder was distributed to the interested entities. Full agenda was published also on NABIAM web pages and iBox.

The following institutions were presenting their competences, research activities and potential cooperations in the topics covered by NABIAM - Nanotechnologies (with special focus on Nanoimprint lithography), Biosensors and Additive Manufacturing, all those partners have become part of the NABIAM network:



## 3. Webinar Agendas

### Agenda - NABIAM Nanotechnology Webinar 22.4.2021

- 15:00 - 15:15 NABIAM introduction and mission, **Pavel Kulha (PROFACOR)** and **Johann Zabel (Biz-up)**
- 15:15 - 15:30 Step-and-repeat and roll-to-plate nanoimprinting for optical applications R&D, **Michael Mühlberger (PROFACOR)**
- 15:30 - 15:45 NILPhotonics Competence Center – Innovations and Partnerships for Nanoimprinting in High Volume, **Martin Eibelhuber (EVG)**
- 15:45 - 16:00 Plasmonic nanomaterials for optical biosensors, **Jakub Dostalek (Austrian Institute of Technology)**
- 16:00 - 16:15 Three-dimensional micro- and nanostructures written with two photon lithography, **Thomas Klar (Johannes Kepler University in Linz)**
- 16:15 - 16:30 Low-temperature plasma assisted deposition of thin films for nanotechnology, **Vítězslav Straňák (University of South Bohemia)**

#### Agenda - NABIAM Webinar on Biosensor and Biosensing technologies 27.5.2021

15:00 - 15:15	NABIAM introduction and mission, <b>Pavel Kulha (PROFACTOR)</b>
15:15 - 15:30	Nanotechnology in Sensing, <b>Jaromir Hubálek (CEITEC)</b>
15:30 - 15:45	Planar Electrode Structures for Sensors, <b>Bodnár Michal (Tesla Blatná)</b>
15:45 - 16:00	Plasmonic Structures for Signal Enhancement in Medical Diagnostics, <b>Magdalena Schimke (Stratec Consumables GmbH)</b>
16:00 - 16:15	Recent Biosensing Applications and Achievements in Linet, <b>Karl Fritscher (LINET)</b>
16:30 - 16:45	Biosensing to enable multiplexed COVID-19 testing at the Point of Care, <b>Max Sonnleitner (Genspeed Biotech)</b>
16:45 - 17:00	Modern Biosensors for Food Safety and Clinical Diagnostics, <b>Hana Lísalová (FZU)</b>
17:00 - 17:15	Polymer based receptors for Biosensors, <b>Leo Schranzhofer (PROFACTOR)</b>
17:15 - 17:30	Diagnostic processes through advancements in biotechnological intelligence, <b>Daniel Georgiev (XENO CELL)</b>

#### Agenda - NABIAM Webinar on Additive Manufacturing 16.9.2021

15:00 - 15:15	Pavel Kulha (PROFACTOR), welcome, introduction
15:15 - 15:35	Additive manufacturing in Medicine, <b>Jaroslav Jacak (FH Linz)</b>
15:35 - 15:55	Biomaterial for Implants – Inkjet printable formulations, <b>Michael Kainz (PROFACTOR)</b>
15:55 - 16:15	Metal 3D printing technologies at Misan, <b>Jan Hudec (MISAN)</b>
16:15 - 16:35	Additive Manufacturing of Metals and Inspection of parts, <b>Libor Beranek (CTU)</b>
16:35 - 16:55	3D printing and medicine (current possibilities, hurdles and perspectives), <b>Guillaume Clement (Haratech)</b>
16:55 - 17:15	3D printing in RBCB, <b>Martin Kryštof (BOSCH)</b>

#### Webinar key facts:

- 19 speakers presented in NABIAM webinars
  - 10 speakers from Austria, 9 speakers from Czech Republic
- 9 companies and 10 research organizations presented
- 101 participants attended NABIAM webinars
- 400 minutes of webinar recordings

## 4. Webinar Recordings

All webinars including discussions were recorded and individual webinar section are available on YouTube channel of PROFACTOR through the following links:

NABIAM Webinar on Nanotechnology Part 1	<a href="https://youtu.be/3TE4DhfOOQI">https://youtu.be/3TE4DhfOOQI</a>
NABIAM Webinar on Nanotechnology Part 2	<a href="https://youtu.be/pZWtbCrqMv0">https://youtu.be/pZWtbCrqMv0</a>
NABIAM Webinar on Biosensors Part 1	<a href="https://youtu.be/MRefzvDGL84">https://youtu.be/MRefzvDGL84</a>
NABIAM Webinar on Biosensors Part 2	<a href="https://youtu.be/QJdP3BX9OdM">https://youtu.be/QJdP3BX9OdM</a>
NABIAM Webinar on Biosensors Part 3	<a href="https://youtu.be/egUGhXZrqJU">https://youtu.be/egUGhXZrqJU</a>
NABIAM Webinar on Additive Manufacturing Part 1	<a href="https://youtu.be/i4_xdz7r_TQ">https://youtu.be/i4_xdz7r_TQ</a>
NABIAM Webinar on Additive Manufacturing Part 2	<a href="https://youtu.be/J4HKUiad3IA">https://youtu.be/J4HKUiad3IA</a>