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BioQantSense

**Twinning for excellence of the Serbian Research Center
for quantum biophotonics**

Work Package 4

Project management, coordination and monitoring

Deliverable 4.1
Kick-off meeting

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Meeting report

DAY 1

BioQantSense Project Meeting - 08 November, 2022

10:00 Open & Welcome words

Dusan Arsenovic, project manager and representative of the hosting partner IPB greets the participants and underlines the importance of the meeting and joint partner activities in terms of successful project realization.

10:15 Presenting IPB

Aleksandar Bogojevic, IPB director, greets the participants and presents the Institute - past, present and visions in the field of research, infrastructure, projects, cooperation on national and international level.

10:45 Presenting institution and achievements by the project partners

- National Research Council - National Institute of Optics (CNR-INO)

- **Caterina Credi**

Presentation of National Research Council - National Institute of Optics (CNR-INO) - overview, background, structure, research field, activities related to BioQantSense project in biophotonics, development of stimuli responsive materials, fabrication of micro fluidics

- **Sara Nocentini**

Presentation of CNR-INO project related laboratories (National Institute of Metrological Research's laboratories), research, results and vision on 3D printed functional microstructures for microfluidics and micro-optics

- **Giulia Adembri**

Project management of CNR-INO projects, overview of the CNR at CNR-INO, CNR organization, role of the Grant Office at CNR-INO, projects turn over at CNR, overview of WP/tasks of the QuantBioSense related to administrative-management, master programs at the University of Florence.

- Friedrich-Schiller - The University of Jena (FSU)

- **Christian Helgert**

Presentation of **Friedrich-Schiller - The University of Jena (FSU)** - overview, background, structure, research field, activities related to BioQantSense project

- **Josué Leon Torres (FSU)**

Presentation of FSUs project related laboratories, research, methods for generating correlated photon pairs and for quantum imaging with undetected photons.

- Faculty of Biology (FBUB) - University of Belgrade

- **Pavle Andjus**

Presentation of **FBUB** - overview, background, structure, research field, activities and laboratories particularly its Center for laser microscopy (CLM; headed by Andjus) related to BioQantSense project, microfluidic chip – NIMOCHIP in development through Horizon 2020 EU project.

13:00 - 14.30 Lunch break at the Institute of Physics

14:30 Project overview

- **Brana Jelenkovic, project coordinator**

Presentation of the project and project activities, Ganttogram and the partners role in the project activities.

- During and after the presentation, there was room for questions and discussion with partners regarding the role of each partner in the first project phase and deadlines for certain deliverables.

15:00 Biophotonics at IPB

- **Dejan Pantelic**

- Research and developments in the biomimetics of the past, present works in micro-fabrication, micro-manipulation and assembly and future plans related to the project were presented. There are four centers of excellence at IPB and one of them is the Photonics center. This Center and its laboratories are presented, as well as research infrastructure, results, projects and vision.

15:20 Visit to Photonics Center

- Photonic Center (PC) is one of four Serbian centers of excellence, and consists of several laboratories in which the research regarding various aspects of photonics is being conducted. The project team of the host took the guests from partner- institutions on a visit to the laboratories of PC. Researchers of these labs are members of the IPB team in the BioQantSense. During the visit, researchers and students of the PC presented experimental setups, methods and techniques to the partners. Partners were able to get a first-hand and direct experience of R&D in PC.

19:30 Dinner

DAY 2

BioQantSense Project Meeting - 09 November, 2022

10:00 Visit to IPB laboratories

- Project team of the lead partner and the host took the guest on the visit to several laboratories in other centers of the IPB in order for the partners to get a picture, as complete as possible, about the research, type, level and organization at IPB. During the

visit, participants discussed project & research infrastructure related matters, based on the first-hand experience in the labs.

11:00 Round table: Timeline, risks, first year deliverables and milestones, future communications and meetings

- Round table lasted for nearly two hours and it was divided in two sessions, simultaneously held. Participants of the first session were researchers from the partners institutions. Actions and steps for project realization were discussed - each partner activities, milestones, timetable, first year deliverables, communication and possible project risks.
- Second session was about the administrative part of the project realization. Participants were Giulia Adembri, head of the project management office of CNR-INO, and the administrative staff of IPB from the legal, financial and international projects departments. Further steps were determined in order to fulfill project tasks.

13:00 Lunch

CONCLUSIONS:

- 1. IPB administration will provide the project team with the info necessary for WP1 D.1.1. realization ASAP - To Do list shared with the partners;**
- 2. Activities regarding WP1 D1.2 - The IPB Scientific Strategy on biophotonics that will define the most promising research directions in the next three years, should be continued in order to realize D2 within the deadline;**
- 3. Project leader will continue its activities regarding WP2 D.3.1 - Plan communication, dissemination and exploitation - when drafted, D&C plan will be distributed to partners for comments and inputs;**
- 4. The date for the next project meeting should be determined and plan of visits should be drafted (WP4 D4.2) within the deadline (31/12/2022).**

Poster of the project kickoff meeting:

