

Protocol

SmartBlue – 2nd network meeting

Berlin, 21.12.2022

Type: network meeting

Network: SmartBlue – Blue light and blue LEDs with opto-sensory monitor and feedback system for new efficient applications

Date: 14.12.2022

Ort: Online / MS-Teams Meeting

Host: EurA AG (Network Management, Dr. Susann Spindler)

Time: 13:00–17:00

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2 Participants

CIS Systeme GmbH Gigahertz-Optik GmbH GMBU e. V. Uniklinikum Jena LabCognition GmbH LED Tailor Senetics HealthCare GmbH & Co. KG TamLink TU Ulm EurA AG	Dr. Olaf Brodersen Frank Reißmann, Sebastian Seufferling Bernd Seme PD Dr. Cornelia Wiegand Dr. Ingo Lohmar, Dr. Klaus Schürmann Jarmo Ikonen Erik Friedel Jutta Kanisto Prof. Dr. Martin Heßling Susann Spindler, Christian Gehl, Caroline Falk
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3 Welcome – Status & News of SmartBlue

Susann Spindler welcomes the participants on behalf of the network management, thanks for the numerous participations and presents the agenda. Ms. Spindler reports that the voting for the SmartBlue logo is finished and the final logo is fixed. Furthermore, the public appearance of the SmartBlue network (<https://www.smartblue-network.com/>) is set up now. It is decided that a new password protected guest area for future downloads will be set up via the download area on the website. Ms. Spindler presents the current Miro whiteboard, which can still be used by participants for

inquiries or brainstorming of project ideas. Furthermore, it is announced that as of 01.01.2023, a new network manager, Mr. Christian Gehl, will be entrusted with the management of SmartBlue, who introduced himself together with his colleague, Ms. Caroline Falk. Ms. Falk will take over the role of the second network manager in the future. She briefly introduces her own ZIM network “ViProNet - Innovative virus protection and pandemic prevention”.

Ms. Spindler briefly shows the current project ideas on the Miro whiteboard, which are arranged according to different priority levels; the ideas highlighted in green have the highest priority, those highlighted in yellow fall into priority group 2, and those highlighted in gray constitute priority group 3. Network participants are invited to contribute further ideas and/or sign up for projects via the Miro Board. The network management will review them regularly, update the status reports and organize further workshops as well as contact potential partners and further SME/RIs.

(Annex 1 & 2)

4 Presentation of new network partners - Part III

The last round of introductions of the network partners (YouPlant UG, mme UG, NowInform GmbH) is cancelled and postponed to a next network meeting.

5 Funding Landscape

Ms. Spindler informs in a presentation about German and European funding opportunities for R&D projects. In this context, she addresses, the national programs ZIM (BMWK), KMU Innovativ (BMBF) and the German „steuerliche Forschungszulage“. On the European side, an overview of the EU’s key framework program Horizon Europe 2021-2027 is given and the programs EIC Pathfinder, EIC Transition and EIC Accelerator are presented. As another European program, Eurostars is presented. For SMEs that have already received approval for a ZIM R&D project, further approval is only possible 24 months after the last approval. This regulation also applies retroactively.

It should be noted that unfortunately there is currently (2023) no international ZIM call for projects between Germany and Finland. However, the Finnish partners have the possibility to access national funding programs through the Finnish coordinator. Furthermore, it is usually always possible to involve Finnish partners as contractors in national funding programs.

(Annex 2)

6 Talk & Discussion: Standardization

Ms. Alexandra Horn (Head of SME and Association Cooperation at DIN e. V.) gives a guest talk on the topic of standardization; when DIN standards can be used in projects and what DIN offers for project launches. Ms. Horn presents the DIN funding program WIPANO – “Knowledge and technology transfer through patents and standards”, which is designed to support SMEs wishing to participate in national, European and international standardization bodies, or to promote cooperation projects with the aim of processing research results and translating them into norms and standards (<https://www.din.de/de/forschung-und-innovation/foerdervorhaben>).

The overall project topic “Development of a standardized test setup to measure effectiveness of irradiation” is then discussed and the extent to which the individual network partners would like to contribute further. It is noted that the ideas must be explained more concretely (also with regard to measurement technology). Ms. Horn will then initiate the research for existing norms and standards at DIN. There is the possibility to define a consortium, which will be invited by DIN, who will also organize corresponding workshops.

(Annex 3)

7 Work with Miro board

Ms. Spindler conducts a vote on how the project meetings should be organized in the future. On the status so far: one part of the network partners tends that the network meetings should be offered alternately as face-to-face meetings (or hybrid event) and as pure online meetings. The other part prefers to hold a pure face-to-face meeting once a year and to organize the rest as pure online project meetings. In the coming year, it will be decided exactly how and when a third network meeting will be held. Also, when and in which form a meeting will be held in Finland.

Ms. Spindler responds to wishes of the network members. Guest lectures on the topics “Blue light and safety”, “Blue light in medical applications” and “AI - possibilities and limits” are desired for the next meetings. Further workshops on the comparison of blue light and UV light, blue light in medical applications and blue light for plant production & product optimization are to be initiated soon. There is still a lack of competences in the field of lamps or LED manufacturers (possibly Osram), manufacturers and distributors for medical technology as well as further partners (SMEs) from the field of plant production or the food and nutrition industry. Expertise is also still needed in the field of AI (possibly contact the company TZM GmbH).

8 Discussion of topics in groups

In the group, the project idea for standardization "Development of a standardized test setup to measure effectiveness of irradiation" is discussed further in order to develop a more detailed description for DIN.

9 Summary | Next steps

Mrs. Spindler gives a short summary and informs about the next steps.

- Individual talks between the partners and the new network management will continue and ideas will be discussed.
- The DIN will be contacted again with a more detailed description of the project idea (see project idea 13 on Miro board).
- The network management will implement the suggestions discussed under 7., second paragraph regarding workshop invitations, guest talks and search for further core competences.
- A face-to-face network meeting will be planned for Q1 2023 (as a hybrid event for the Finnish partners).

(Annex 2)

10 Attachments

With the dispatch of the protocol, a link will be provided to download the following attachments:

Annex 1: Agenda

Annex 2: Presentation EurA

Annex 3: Guest talk Alexandra Horn, DIN e. V.

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