



Photonics 4 Bio-Diagnostics

Workshop & Brokerage
Bologna, Italy | June 26th 2025

Photonics Technologies for bio-medical & health

- » End-Users Workshop & Brokerage
- » Investments in Photonics
- » Supporting and enabling innovation



PHOTONICS PUBLIC PRIVATE PARTNERSHIP

PHOTONICS²¹

PHOTONICS TECHNOLOGIES for the bio-medical sector

Thursday June 26th 2025 | Bologna Fiere - Pavillion 21 | Conference Room 2
Ingresso Ovest Costituzione | Piazza Costituzione 3 | Bologna

organized by



AEIT-CORIFI
COordinamento Ricerca
Innovazione Fotonica
Italia



in collaboration with



Promoted by:

European Technology Platform PPP Photonics21 - <https://www.photonics21.org>

Sponsored by:

HorizonEurope-Project Phorwards21

c/o R2B-Research to Business 2025

20° Edizione del Salone della Ricerca e delle Competenze per l'Innovazione | <https://www.rdueb.it/en/>

Topics: Health and Biotech | Online Innovat&Match Brokerage Event | June 24th-26th 2025

- Free on-site participation upon registration at the link [here](#)
- Streaming connection will also be provided
- Deadline for registration: **24/06/2025**
- Official languages of the event are Italian & English: talks and presentations will be given in English, and the Panel Session will be in Italian
- Innovat&Match Brokerage Event link: [here](#)
- Contacts: organizing secretariat CORIFI@aeit.it

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On - site Agenda

13:00 - 14:00 ■ Registration | Light lunch & Networking

14:00 - 14:20 ■ Welcome address

- Roberta Ramponi | Photonics21 & AEIT-CORIFI
- Vittorio Morandi | CNR-ISMN
- Milena Fini | Clust-ER Health Emilia Romagna

14:20 - 14:35 ■ PhotonHub PHACTORY

- Prof. Hugo Thienpont | VuB - Coordinator PhotonHub Phactory

14:35 - 15:20: Photonics for Bio-Diagnostics: success cases

Chair: Silvia M. Pietralunga | Photonics21 & CNR

■ **Project FARM - Portable Optical Biosensor for Multi-Analyte Detection in Dairy Farms with a One Health Perspective** - (Bandi a cascata ECOSISTER PNRR)

- Dr. Mario Prosa | Project P.I. (CNR-ISMN)

■ **EIC Project SpectraBreast - Surgical Precision through Photonics: Redefining the Frontiers of Breast Cancer Surgery**

- Dr. Carlo Morasso | Project P.I. (ICS Maugeri-PV)

■ **IFAB Project AI&BM4Leukemia - Artificial Intelligence and Biophotonic Microscopy for rapid and early tests in Leukemia**

- Prof. Evelina Lamma | Università di Ferrara

15:20 - 16:00 Photonics technologies and instrumentation for bio-medical & health: pitch-session

Chair: Roberta Ramponi | Photonics21 & AEIT-CORIFI

Participants:

1. **Flim Labs** ■ Dr. Cosetta Venturi | CCO & SMM
2. **PIONIRS** ■ Ing. Michele Lacerenza | CTO & Founder
3. **DNA Phone** ■ Dr. Alessandro Candiani | CEO e Co-founder
4. **Espansione Group** ■ Dr. Alessandro Fier | CEO
5. **RegenSight** ■ Dr. Giuseppe Lombardo | Co-founder & CTO

16:00 - 16:45: Challenges and perspectives ■ Panel Session

Moderator: Stefano Toffanin | CNR-ISMN & Photonics21

Invited speakers:

- Prof. Enrico Dalcanale | Università di Parma
- Dr. Gianluca Giavaresi | IRCCS Istituto Ortopedico Rizzoli-Bologna
- Milena Fini | Clust-ER Health
- Dr. Carlo Morasso | ICS Maugeri-PV

16:45 - 17:00: Conclusions