

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



Photonics technologies for the bio-medical sector

Bologna Fiere- Pavillion 21, Conference Room 2

“Ingresso Ovest Costituzione”, piazza Costituzione, 3 - 40128 Bologna, Italy

Thursday June 26th 2025

c/o R2B-Research to Business 2025

20[°] Edizione del Salone della Ricerca e delle Competenze per l’Innovazione

<https://www.rdueb.it/en/>

Online Innovat&Match Brokerage Event June 24th-26th 2025

Topics: HEALTH AND BIOTECH



AEIT-CORIFI
Coordinamento Ricerca
Innovazione Fotonica
Italia



ACT
Society AEIT per la Tecnologia
dell'Informazione e delle Comunicazioni

International Workshop organized by **AEIT-CORIFI**, the Italian Technology Platform for photonics *in collaboration with CNR, ART-ER, SIMPLER, EEN, Clust-ER Health*

Promoted by: European Technology Platform PPP Photonics21

(<https://www.photonics21.org>)

Sponsored by: HorizonEurope-Project Phorwards21

Free on-site participation upon registration at the link [here](#)

Streaming connection will also be provided

Deadline for registration: 20/06/2025

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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PHOTONICS²

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*), Sauro Vicini (*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: Stefano Toffanin (*CNR-ISMN & Photonics21*)

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: Roberta Ramponi (*Photonics21 & AEIT-CORIFI*)

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