



Politecnico
di Bari



Dipartimento di
Ingegneria Elettrica
e dell'Informazione



International Day of
Light



IDL@DEI 2026 Programme

Light for a Sustainable Future

Fiber Photonics, Fiber Lasers & Integrated Photonics

EVENT DETAILS

15 May 2026 | 09:00–14:00

Aula consiliare DEI — Politecnico di Bari

Hybrid format: in person and remote participation via Microsoft Teams

Scientific coordination: Francesco Anelli, Teresa Natale

Event organization: Francesco Dell'Olio

KEYNOTE SPEAKERS

Amadeu Griol Barres

“Photonics Technologies Applied to Diagnostics”

Nanophotonics Technology Center (NTC), Universitat Politècnica de València, València, Spain

Gianluca Galzerano

“Optical Frequency Combs: A Revolutionary Laser Tool for Exoplanet Detection”

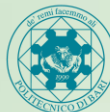
Istituto di Fotonica e Nanotecnologie, Consiglio Nazionale delle Ricerche, Milano, Italy



Società Italiana
di Ottica e Fotonica



Società Italiana
di Fisica



Detailed Programme | 09:00–11:30

Opening, keynote talk and Young Researchers Session I

Opening & Keynote Talk

- 09:00–09:20** **Institutional Greetings**
Rector, President of the SIOF, Director of the Department
- 09:20–10:00** Keynote Talk — Amadeu Griol Barres
“Photonics Technologies Applied to Diagnostics”

Young Researchers Session I — Chip-scale Photonic Devices | Chair: Francesco Anelli

- 10:00–10:15** Teresa Natale
“New Routes for Chip-scale Sensing with Silicon Photonics”
- 10:15–10:30** Francesca Filigrano
“Metasurfaces and Photonic Devices for Medical Applications”
- 10:30–10:45** Martino De Carlo
“Programmable Photonics with Phase-Change Materials”
- 10:45–11:00** Giovanni Piscopo
“Metasurfaces for Mid-IR Sensing and Spectroscopy”

Break

- 11:00–11:30** **Coffee Break**



Detailed Programme | 11:30–14:00

Keynote talk, Young Researchers Session II, conclusions and remote access

Keynote Talk

11:30–12:10 Keynote Talk — Gianluca Galzerano
“Optical Frequency Combs: A Revolutionary Laser Tool for Exoplanet Detection”
Istituto di Fotonica e Nanotecnologie, Consiglio Nazionale delle Ricerche, Milano, Italy

Young Researchers Session II — Optical Fiber Technology | Chair: Teresa Natale

12:10–12:25 Davide Monopoli
“Hybrid External-Cavity Lasers: from Fibre-Assisted to Compact On-Chip Designs”

12:25–12:40 Francesco Anelli
“Towards Advanced Mid-Infrared Photonics with Fluoride Fibers”

12:40–12:55 Antonella Loconsole
“Mid-IR Active Devices Based on Fluoride Fibers”

Closing

12:55–14:00 Closing Discussion, Conclusions & Networking

Remote Participation — Microsoft Teams

Join the Microsoft Teams meeting

<https://teams.microsoft.com/join/35933779335238?p=lm3dxObkJ08dQBbmzW>

Meeting ID: 359 337 793 352 38 Passcode: if9CK9Fi