Programme GUIDED BY LIGHT STUDENT CONFERENCE

1-2 September 2025
Tyndall National Institute, Cork,
Ireland.

Organisers

The student conference is organised by the Irish SPIE and Optica student chapters, and the Photonic Integration and Advanced Data Storage Centre for Doctoral Training (PIADS CDT).

Organising committee



Kaynat Alvi Tyndall National Institute



Louise Frost Tyndall National Institute



Chiara Maria Mariani University College Dublin



Jorge Lasarte Technological University Dublin













Sponsors

This conference is made possible through the generous support of:







PHOTONIC
INTEGRATION AND
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DATA
STORAGE











10:00-10:30

Arrival of participants at Tyndall National Institute

10:30-11:00

Welcome

11:00-12:00

Keynote
Photonics: Past, Present, and Most Importantly,
the Future

Paul Townsend Tyndall National Institute

12:00-12:15

Break

12:15-13:00

Invited talk
Photonics technologies for real-world deployment
of quantum technologies

Jennifer Hastie University of Strathclyde, Glasgow

13:00-14:00

Lunch

14:00-17:30

Workshops for skills development

14:00-17:30

Presentation skills and the three-minute pitch

Gavrielle Untracht Technical University of Denmark From Theory to Practice: Hands-On Machine Learning with Real-World Data

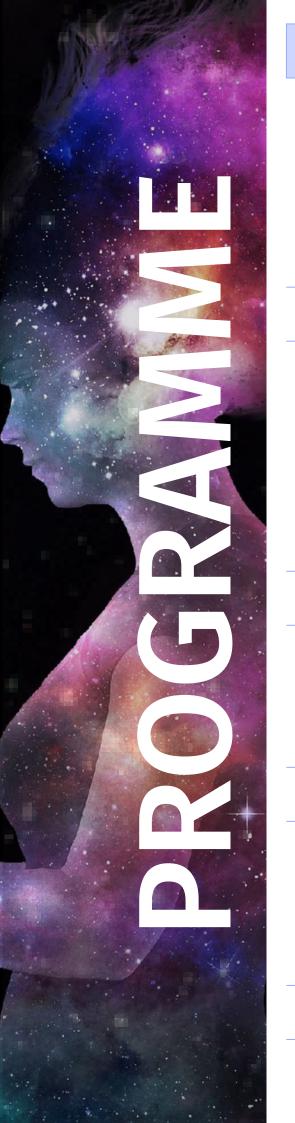
Salvatore Tedesco University College Cork/Tyndall National Institute

Comfort break from 15:30-16:00

18:30

Conference dinner

This programme may be subject to change.



Tuesday, 2nd September 2025

Industry visits

09:00-13:00

Choose one of the following visits: X-Celeprint (A6.G.34 Large) European Space Agency (B0.17) FiconTEC (A6.G.34 Small) Alcon (offsite)

13:00-14:00

Lunch

Panel discussion PhD and Beyond - Career Panel

Po

Panellists confirmed:

14:00-15:30

Cara-Lena Nies ,Tyndall National Institute Emer O'Shea, University College Cork Paul Beecher, Consultant Science Policy Kevin Shortiss, Senior Engineer, Tyndall National Institute

15:30-15:45

Break

15:45-16:30

Invited talk The Future Depends on Optics – Insights and Experiences from an Industry Perspective

Raluca-Silvana Tudorache Edmund Optics

16:30-16:45

Break

16:45-17:30

Invited talk From the near field and into vision: a personal journey towards the understanding of light from waves to photons

Brian Vohnsen University College Dublin

17:30

Conference close

18:30

Post-conference pizza dinner and networking