



Carla

Hybrid **Brussels**

The Photonics
Career Hub

Dates.

22-23-24 March, 2022

Venue.

VUB. Vrije Universiteit Brussel
Pleinlaan 2
Brussel



www.carlahub.eu

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Funded by



PHOTONICS PUBLIC PRIVATE PARTNERSHIP

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 871457

In collaboration with



B-PHOT Student Chapter has received Optica Special Program Grant from Optica (formerly OSA) to host student members of Optica and SPIE during CARLA Camp.

Consortium



Audience.

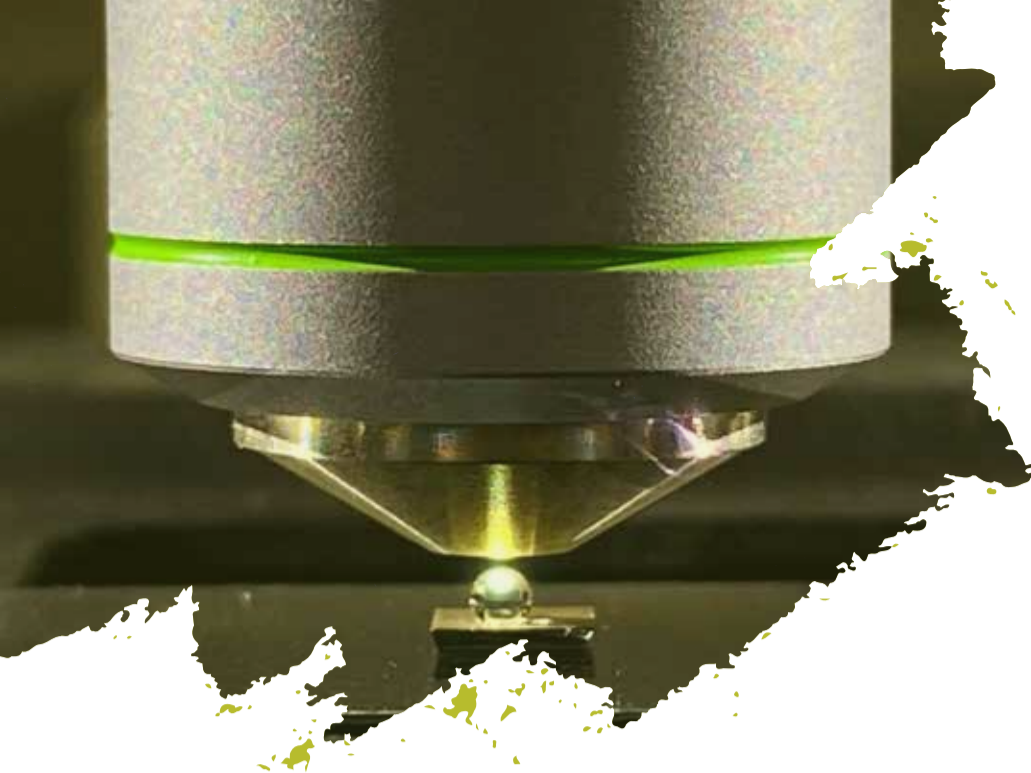
University students and early stage researchers

Registration.



Register at
<https://b-phot.org/CARLA/Camp2022>

before 15 March 2022



Program.

22 March 2022 (Online)

Photonics is everywhere

- 16:45–17:00 Welcome and introduction**
MSc Astghik Chalyan, Vrije Universiteit Brussel, Belgium
- 17:00–17:45 Effective science communication for early career researchers**
Professor John Dudley, CNRS Institute FEMTO-ST & Université Bourgogne Franche-Comté, France
- 17:45–18:00 Master of Science in Photonics Engineering (MSPE)**
Prof. Dr. Ir. Heidi Ottevaere, Vrije Universiteit Brussel (VUB), Belgium
- 18:00–18:20 Entrepreneurship skills that can support your career in photonics**
Dirk Fabian, SPIE, USA
- 18:20–18:30 Break**
- 18:30–18:45 Discovering Optica**
Jen Mehlretter, OPTICA, USA
- 18:45–19:00 Photonics: A Publisher's Perspective**
Misse Kate Porter, IOP Publishing, University of Bristol, UK
- 19:00–20:00 Panel – How does being a member of societies help you to grow your career in photonics?**
Moderator – **Dr. Matthew T. Posner (he/him)**, Excelitas Technologies, Canada

Panelists:
Judy Donnelly, PBL Projects, USA
Dr. Mateusz Szatkowski, Wrocław University of Science and Technology, Poland
Olivia Fehlberg, Edmund Optics, USA
Dr. Michael J. Williams, Boston Electronics, USA
- 20:00–20:30 Networking Session**

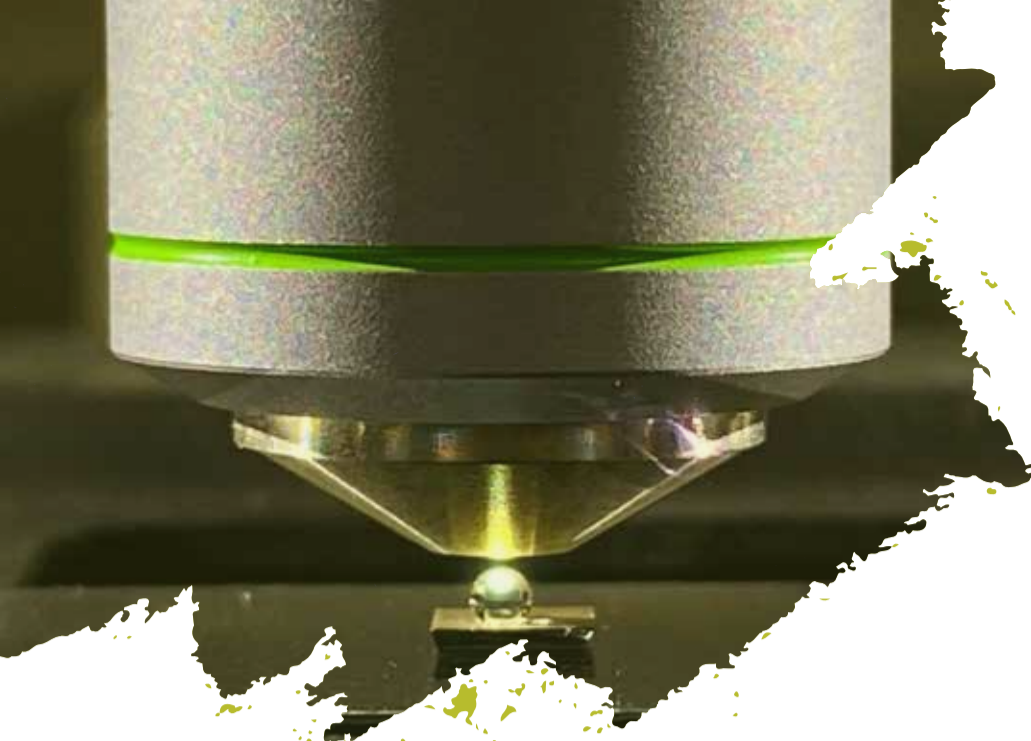
23 March 2022 (In Person)

Photonics careers in Academy

- 16:30–16:45 Welcome and introduction**
Prof. Dr. Ir. Hugo Thienpont, Vrije Universiteit Brussel, Belgium
- 16:45–17:45 Panel – Future with Master in Photonics**
Moderator – **Prof. Dr. Ir. Heidi Ottevaere**, Vrije Universiteit Brussel (VUB), Belgium

Panelists:
Dr. Ir. Sara Van Overmeire, Flanders Innovation and Entrepreneurship (VLAIO), Belgium
Dr. Ir. Arno Bouwens, Perseus Biomics, Belgium
Dr. Ir. Sanne Sulejmani, Leyton, Belgium
Ir. Mehdi 'Arash' Feizpour, B-PHOT Brussels Photonics, Vrije Universiteit Brussel, Belgium
- 17:45–18:45 Graduated and now? A look at career**
Dr. Philipp Gramlich, NaturalScience.Careers, The Netherlands
- 18:45–19:15 Refreshments and Networking break**
- 19:15–19:45 ERC – Funding opportunities for creative minds from Europe and anywhere in the world**
Dr. Anna G. Mignanin, European Research Council Executive Agency (ERCEA), Belgium
- 19:45–20:45 Parallel sessions on Hot topics at B-PHOT**
- Session 1.**
Nonlinear photonics research: forget your intuition... – **Prof. Dr. Ir. Nathalie Vermeulen**
Nonlinear dynamics: how to exploit lasers to the fullest? – **Prof. Dr. Martin Virte**
Metasurfaces: an extraordinary research opportunity from theory to design, fabrication and applications – **Prof. Dr. Ir. Francesco Ferranti**
Optical sensing on the crossroad of fiber and laser micromachining technologies – **Dr. Ir. Tigran Baghdasaryan**
- Session 2.**
Modern Freeform Optics: from Fundamental Research to Industry – **Dr. Simone Sorgato**
Optical spectroscopy: from fundamentals to key applications – **Dr. Ir. Lien Smeesters**
3D laser micro-fabrication of optical interconnects for integrated circuits – **Dr. Ir. Koen Vanmol**
Lab-on-a-chip: from cell research to environmental monitoring – **Dr. Tatevik Chalyan**
- 20:45–21:30 Networking dinner**

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24 March 2022 (In Person)

Photonics careers in Industry & Entrepreneurship

16:30-16:40 Welcome and introduction
Ir. Nathalie Debaes, Vrije Universiteit Brussel, Belgium

16:40-17:05 The European Photonics route
MSc Antonio Raspa, EPIC, Italy

17:05-17:30 Overview of careers in Photonics in Academia and Industry
Prof. Dr. Ir. Hugo Thienpont, Vrije Universiteit Brussel, Belgium

Entrepreneurship

17:30-18:00 Career opportunities in quantum
Dr. Araceli Venegas-Gomez, QURECA, UK

18:00-18:15 XPECT INX: Your support in biofabrication
Dr. Jasper Van Hoorick, XPECT INX, Belgium

18:15-18:30 TBD

Refreshments and Networking break

19:00-19:15 PhotonHub Europe : Photonics innovation Hub for European SME'
Prof. Dr. Ir. Hugo Thienpont, Coordinator PhotonHub Europe, Vrije Universiteit Brussel, Belgium

19:15-19:30 One-stop-shop access for European researchers to photonics expertise & technology : ACTPHAST4R
Ir. Nathalie Debaes, Vrije Universiteit Brussel, Belgium

Industry

19:30-20:30 Solid state LIDAR enabling autonomous driving-Ir. Filip Geuens, XenomatiX, Belgium
Electro-optical solutions for space and defence at OIP-Dr. Bart Desoetes, OIP, Belgium
Optical fibers enabling unprecedented sensing capabilities-Dr. Ir. Bram Van Hoe, FBGS, Belgium

20:30-20:40 Closing of the CARLA Camp
MSc Astghik Chalyan, Organizer of the VUB Brussels Camp, Belgium

20:40-21:30 Networking Dinner

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On 23rd and 24th March, the live streaming is supported for the online attendees.

Student grants.

Apply for the student grants

before March 10th, 12pm CET, 2022



Registration.



Register at
https://b-phot.org/CARLA/Camp2022

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Follow us for more information [social media icons] #carlahub

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