



Carla

Hybrid **Brussels**

The Photonics
Career Hub

Dates.

22-23-24 March, 2022

Venue.

VUB. Vrije Universiteit Brussel
Pleinlaan 2
Brussel



www.carlahub.eu

Follow us for more information



Funded by



PHOTONICS²¹

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



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AUSTRIA



Audience.

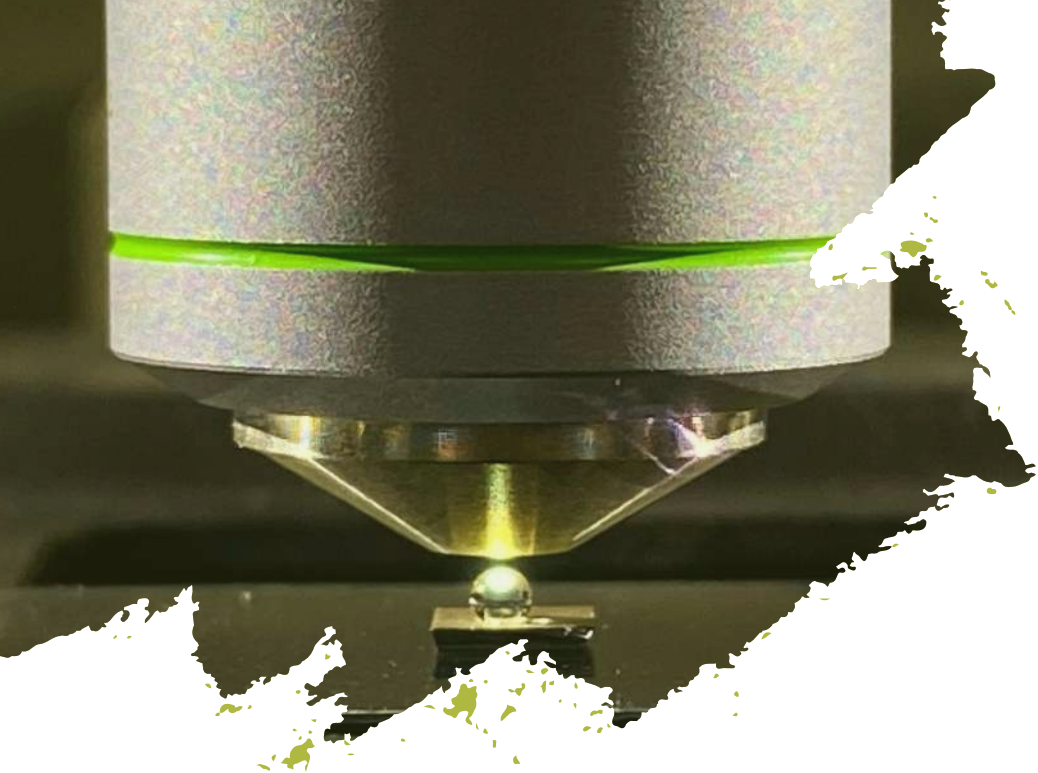
University students and early stage researchers

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



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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**

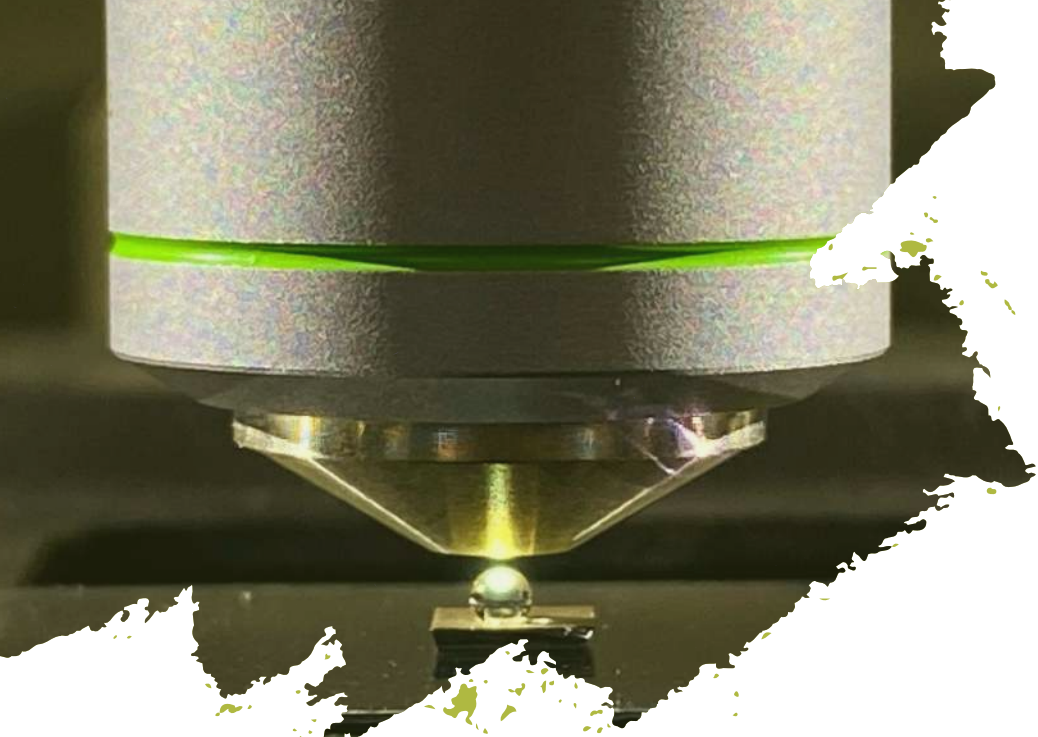
3D laser micro-fabrication of optical interconnects for integrated circuits – **Dr. Ir. Koen Vanmol**

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

18:30–19:00 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



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STUDENT
CHAPTER

Registration.



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