



# Carla

## Bratislava

The Photonics  
Career Hub

### Dates

**11-13 October 2022**

from 13:00 to 18:00 every day

### Venue

Slovak University of Technology in Bratislava,  
Faculty of Informatics and Information Technologies  
Ilkovičova 2, 842 16 Bratislava  
<https://goo.gl/maps/pccVEmDsvdGodmE89>

### Audience

University students and early stage researchers

### Organized by

Slovak Centre of Scientific and Technical Information  
International Laser Centre

### Registration



Register at

<https://carlahub.eu/events/ilc-bratislava/>  
before 5 October 2022

Please come and hear about  
Career Opportunities in Photonics

[www.carlahub.eu](http://www.carlahub.eu)

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

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## Bratislava

### The Photonics Career Hub

## Photonic Landscape and Career Development

1<sup>st</sup> day, Tuesday, 11 October 2022

12:00–13:00 **Registration**

13:00–13:05 **Welcome and introduction**

prof. F. Uherek  
SCSTI – International Laser Centre (SK)

13:05–13:50 **Dare to change energy**

prof. M. Zeman  
Delft University of Technology, FEEMCS (NL)

13:50–14:25 **New technologies in photonics**

Dr. H. Seyringer  
V-Research GmbH, FH Vorarlberg (AT)

14:25–15:00 **Arrayed Waveguide Gratings for telecom and medical applications**

Dr. D. Seyringer  
FH Vorarlberg (AT)

15:00–15:30 **Guide to network & break (coffee&cake)**

15:30–16:05 **Photonics at UNIZA – project of my life**

prof. D. Pudiš  
University of Žilina, FEEIT (SK)

16:05–16:40 **Road to biophotonics: from heart to environment**

prof. A. Marček-Chorvátová  
SCSTI – International Laser Centre (SK)

16:40–17:15 **Are two photons more than one? – A journey in laser lithography**

Dr. L. Kuna  
Joanneum Research Forschungsgesellschaft mbH, Materials – ISTP (AT)

17:15–17:50 **Special forms of light from specialty optical fibers**

Dr. I. Bugár  
Technische Universität Wien, ETIT (AT)

17:50–18:00 **Wrap up**

18:00–20:00 **Free networking in groups & Dinner (cooked food and dessert)**

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### The Photonics Career Hub

## Networking with the Photonics Community

2<sup>nd</sup> day, Wednesday, 12 October 2022

12:30–13:00 **Registration**

13:00–13:05 **Introduction of the day**

Dr. D. Chorvát

SCSTI - International Laser Centre (SK)

13:05–13:40 **Afraid of the Dark? Study Optics & Photonics!**

Dr. J. Hetterich,

Karlsruhe Institute of Technology, LTI (DE)

13:40–14:05 **Finding your dream job in Photonics**

Dr. A. Gusev

Ultrafast Systems s.r.o. (US/SK)

14:05–14:30 **NMS AutoScan Inline - laser line scanner: from handheld scanner to worldwide unique inline robotized scanning cells for the car producers**

Dr. I. Lengyel

Noncontact Measuring Systems s.r.o. (SK)

14:30–14:55 **Better light for Your life**

M. Švec

Minalox s.r.o. (SK)

14:55–15:20 **Where photonics LED me...**

Dr. J. Kozáčeková (Horilová)

ZKW Slovakia s.r.o. (SK)

15:20–15:50 **Guide to network & break (coffee&cake)**

15:50–16:15 **How lasers from Liptovský Mikuláš analyze gases around the globe**

Dr. M. Šimko

SEC Technologies s.r.o. (SK)

16:15–16:40 **IRON woMEN**

Ing. I. Nováková

APONI s.r.o. (SK)

16:40–17:05 **Radar technologies – from hobby to career**

Dr. L. Maršík

Camea, spol. s r.o. (CZ)

17:05–17:30 **SYLEX: Optical fibers in IoT systems – data transmission and sensing**

Ing. D. Synáková, Ing. P. Lowy

Sylex s.r.o. (SK)

17:30–17:55 **Academic writing skills: writing a project proposal and a research paper**

MD. DSc. L. Bacharová

SCSTI - International Laser Centre (SK)

17:55–18:00 **Wrap up**

18:00–20:00 **Free networking in groups**

**& Dinner (cooked food and dessert)**

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### The Photonics Career Hub

## Innovation and Entrepreneurship

3<sup>rd</sup> day, Thursday, 13 October 2022

12:30–13:00 **Registration**

13:00–13:05 **Introduction of the day**

prof. A. Marček-Chorvátová  
SCSTI – International Laser Centre (SK)

13:05–13:40 **Cassovia New Industry Cluster**

prof. P. Miškovský, Pavol Jozef  
Šafárik University in Košice, TIP (SK)

13:40–14:05 **Technology transfer in Slovakia**

Ing. S. Sališ  
Slovak Centre of Scientific and Technical  
Information, CTT (SK)

14:05–14:30 **From Having Zero Technical Skills to Director of Tech Cluster**

M. Hučková  
Kosice IT Valley (SK)

14:30–14:55 **Technology transfer as an opportunity to improve the quality of our daily life**

Ing. A. Čorejová  
University of Žilina, CTT USP (SK)

14:55–15:25 **Guide to network & break (coffee&cake)**

15:25–15:50 **Roadmap to building a quantum network based on entanglement**

Dr. D. Aktas  
Institute of Physics SAS, RCQI (SK)

15:50–16:15 **Photonics in Industry – Experiences and Challenges**

Ing. P. Mráz  
Avantek s.r.o. (SK)

16:15–16:40 **Curiosity Toolkit**

S. Gregorovič  
MM Medical s.r.o. (SK)

16:40–17:05 **Extreme Light Infrastructure – European Research Infrastructure Consortium (ELI ERIC)**

Dr. D. Margarone  
V. Istokskáia, ELI Beamlines Facility (CZ)

17:05–17:30 **13 years with Laserlab–Europe – the Integrated Initiative of European Laser Research Infrastructures**

Dr. D. Chorvát  
SCSTI – International Laser Centre (SK)

17:30–17:50 **Networking in small groups**

17:50–18:00 **Closing remarks**

F. Uherek  
SCSTI – International Laser Centre (SK)

18:00–20:00 **Free networking in groups & Dinner (cooked food and dessert)**

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