

BALTIC PHOTONICS

AGENDA

SPACE & DEFENSE

08:30 – 09:00

Welcome Coffee [30 min]

09:00 – 09:10



Opening Speech

Dr. Titas Gertus, VITP, Toolas Cluster Coordinator

09:10 – 09:25



How Small Countries Become Significant:
International Examples and Lithuania's
Opportunities in Defense

Šarūnas Genys, Head of Manufacturing Team at Invest
Lithuania, Defense Industry Expert

09:25 – 09:40



FTMC Technologies Supporting Space and
Defence Applications

Dr. Lina Grinevičiūtė, Senior Researcher/Head of Optical
Coatings Lab. FTMC

09:40 – 09:55



Lasers from Lab to Life

Evaldas Pabrėža, Co-Founder & CEO of Integrated Optics

09:55 – 10:10



Optics for Space and Direct Energy Applications

Antanas Laurutis, CEO of Altechna

10:10 – 10:25



Exploring Lithuania's Laser Industry

Kristina Ananičienė, Executive Director, Lithuanian Laser
Association; Manager, LITEK™

10:25 – 10:40



EIC Space Portfolio Opportunities and
Innovations [Online]

Stela Tkatchova, Ph.D., Programme Manager for Space
Systems, European Innovation Council (EIC)

10:40 – 11:00

Coffee Break (20 min)

11:00 – 11:15



Hamamatsu's Participation in Space Exploration: From Tiny Chips to Neutrino Observatories

Julien Zichi, Team Leader Component Sales at Hamamatsu

11:15 – 11:30



The Place of Optronics and Space in EU Defence Projects (Online)

Romain Ladret Picioruș, PhD, Project Officer, "Defence Systems" Unit, DG DEFIS

11:30 – 11:45



Startup from Scratch: Turning 'Impossible' into Innovation — UAV-Based Underground Detection

Karolis Žvaigždinas, CTO & Co-Founder of BROSWARM

11:45 – 12:00



Technological Innovation and National Security

Dr. Simona Pūkienė, Senior Advisor, Science & Innovation Division, Defence Materiel Agency under the Ministry of National Defence of Lithuania

12:00 – 12:40



Keynote Enhancing National Security Through Space

Augustinas Lubys, Head of Business Development & Marketing at Kongsberg NanoAvionics

12:40 – 13:00



If Not Now, When? Deploying Photonics for National Security

Laurynas Šatas, AKTYVUS Photonics

13:00 – 14:00

Lunch Break

14:00 – 14:15



A Step Towards Lithuania as a Defence Innovation Hub

Paulietis Darius Stasiulevičius, R&D and Innovation Coordinator, Innovation Agency Lithuania

14:15 – 14:30



The Building Blocks Necessary for Rapid Development of Defense Products

Srinath Mallikarjunan, CEO and Chief Scientist at Unmanned Dynamics

14:30 – 14:45



Building Defense Innovation: The ScaleWolf Journey and Lithuania's Transformation

Edvinas Kerza, Managing Partner at ScaleWolf

14:45 – 15:15



Panel Discussion: Photonics, Space & Defence — Building the Next Generation of Innovation

Moderator: Ernestas Žvaigždinas

Participants: Edvinas Kerza, Augustinas Lubys, Laurence Cooper, Antanas Laurutis



15:15 – 15:35

Coffee Break [20 min]

15:35 – 15:50



Overcoming the Challenges of Using Optical Fiber in Space Communications

Laurence Cooper, Product Development & Process Manager at Fibercore Limited

15:50 – 16:05



Astrolight - Capabilities and Deliveries in Space and Defence

Laurynas Mačiulis, Co-Founder and CEO of Astrolight

16:05 – 16:20



Lithuania's Role in the New Space Economy: From Photonics to Autonomous Satellites

Tomas Malinauskas, Chief Commercial Officer at Blackswan Space

16:20 – 16:35



Terahertz non-destructive testing: Applications in Aerospace and Aviation

Georg von Freymann, Professor for Experimental Physics, RPTU; Head of the Department for Materials Characterization & Testing, ITWM