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DNIPRO UNIVERSITY OF TECHNOLOGY

EXPERIENCE OF IMPLEMENTATION:

**HORIZON TMA MSCA
STAFF EXCHANGE PROJECTS**

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OptiQ

Non-Standard Data and Image Processing –
from Nonlinear Optics to Quantum Computing

PROJECT DURATION:

01/2023 – 12/2026

EU GRANT:

1 196 000,00 €

THE GOAL OF THE PROJECT

is to advance quantum computing and quantum communication by developing innovative quantum optics–based methods for image processing, secure communication, and quantum information technologies, while strengthening collaboration between academia, research institutions, and industry to accelerate practical deployment and technology transfer.



Silesian University
of Technology



SBA
Research



Boson
Energy



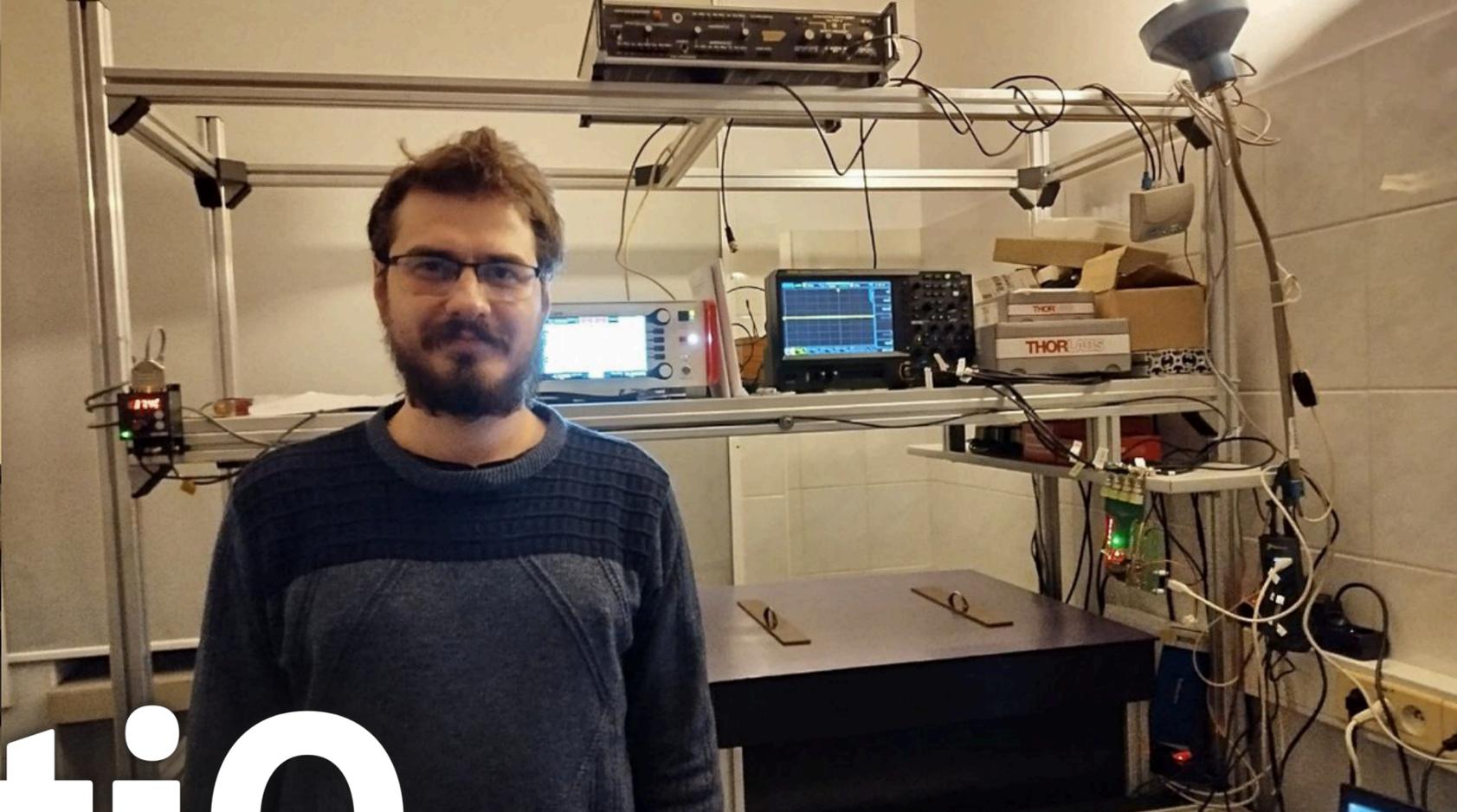
Business Solutions AG



UNIVERSITY OF
LUXEMBOURG



DNIPRO
UNIVERSITY
of TECHNOLOGY
1899



Optiq





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WrightBros neXt

Working Collaboratively on Advances in Projectors-Free Flight Simulators:
Benefits for Professional Training of Pilots by Deployment of XR Technologies

THE GOAL OF THE NEW PROJECT IS TO:

- develop innovative, projectors-free, flight simulators by using various XR technologies
- compare the influence on human perception of various XR technologies used in these projectors-free flight simulators vs. classical setup with projector-generated scene

PROJECT DURATION:

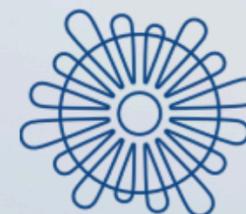
04/2025–03/2029

EU GRANT:

1 370 800,00 €



Silesian University
of Technology



University of Zadar
Universitas Studiorum
Jadertina | 1396 | 2002 |





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