

Photonics and telecommunication

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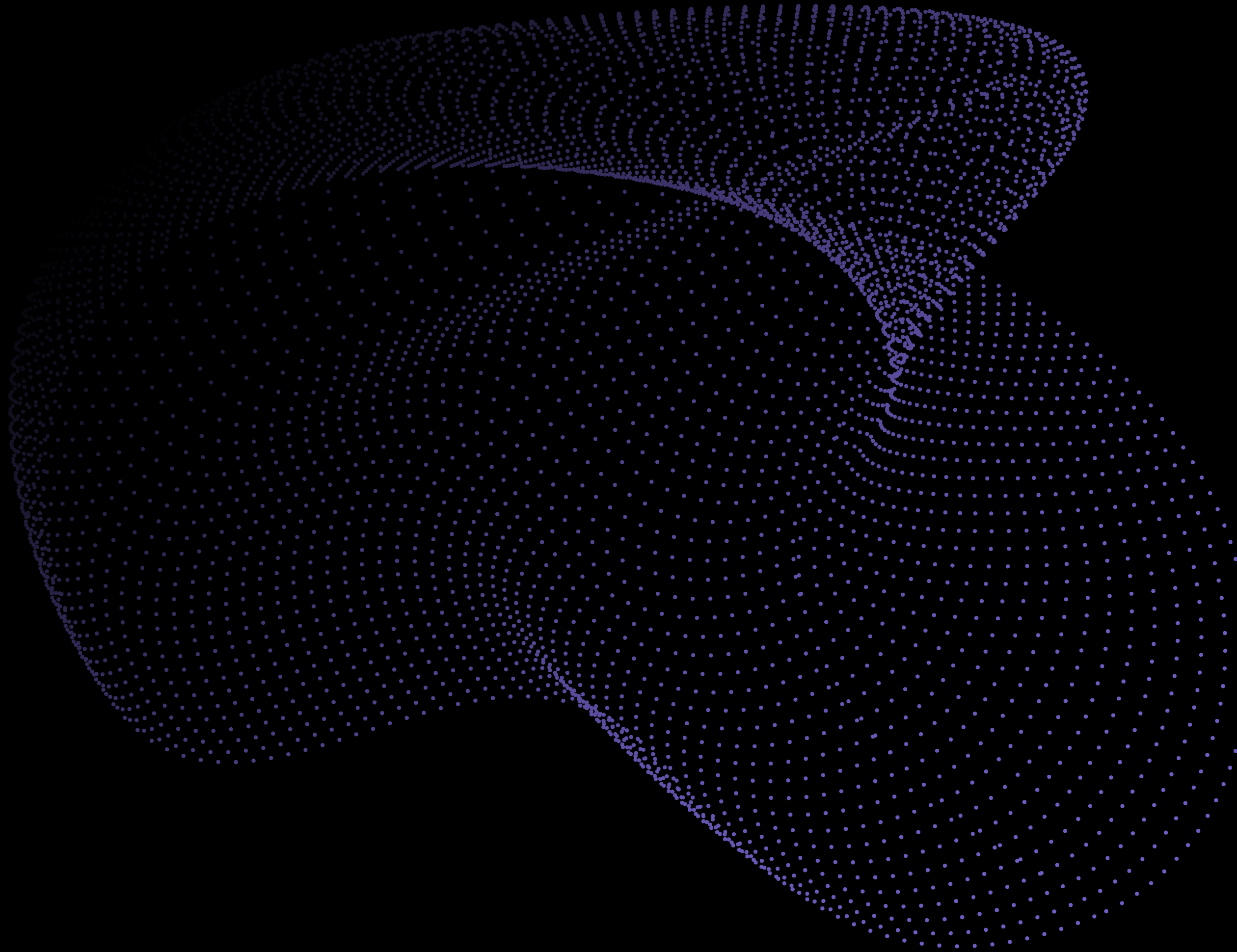
About the labs

- Established along with the RTU
- First lab --> radio communication



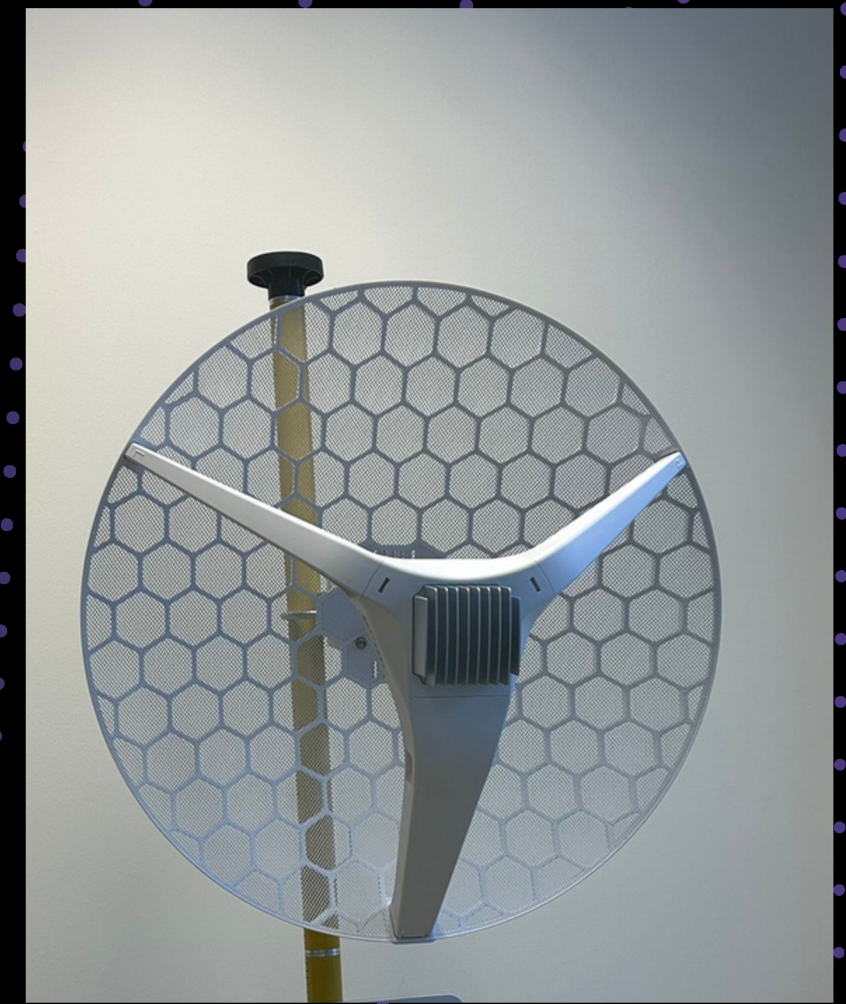
Jargon

- Open RAN
- Radio waves
- Photon
- Nannophotonic
- Frequency



Open RAN

- Network
- Analysis
- Remote areas



SpacePro lab

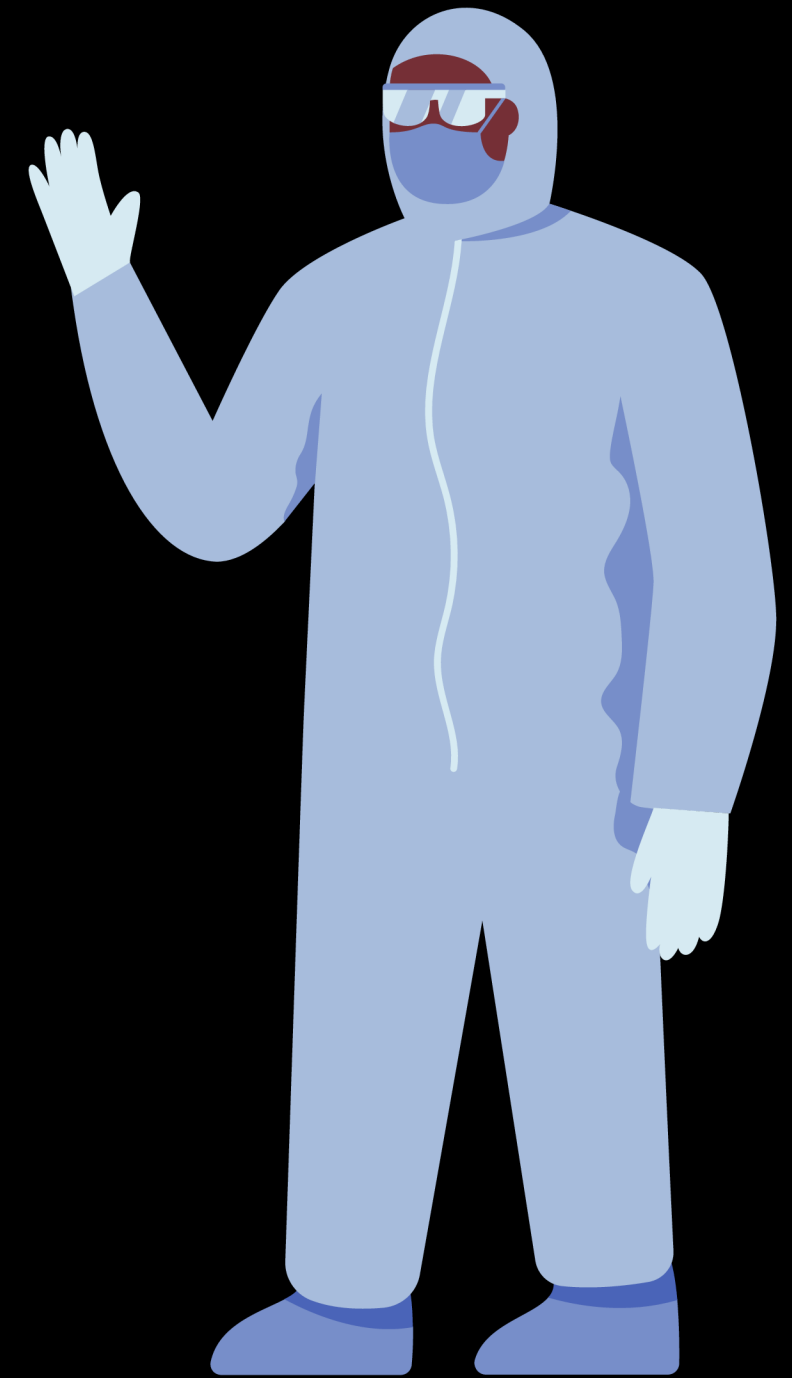
- Telecommunication
- Chambers
- Collaboration



Does 5G technology really **pose health risks?**

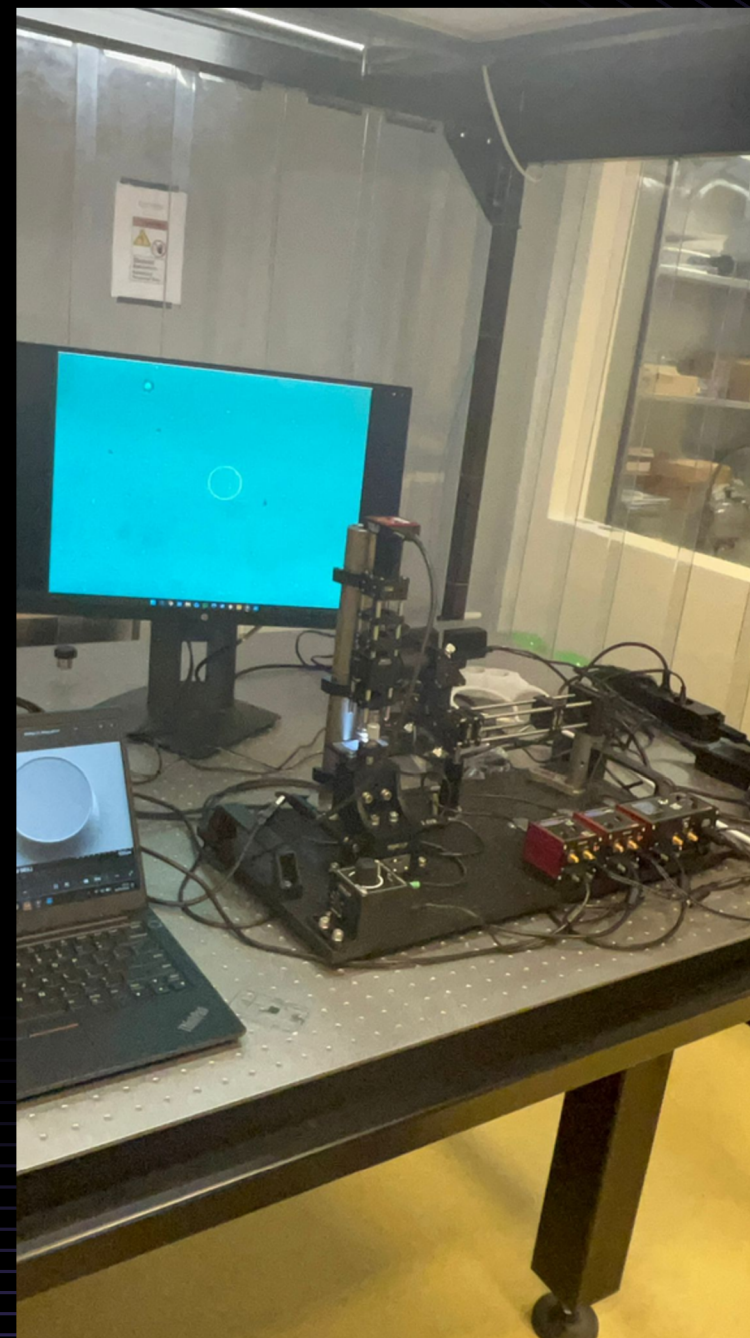
HEALTH RISKS FROM USING 5G

There is a popular belief that
5G technology causes cancer
or even spreads COVID-19



Nanophotonics lab

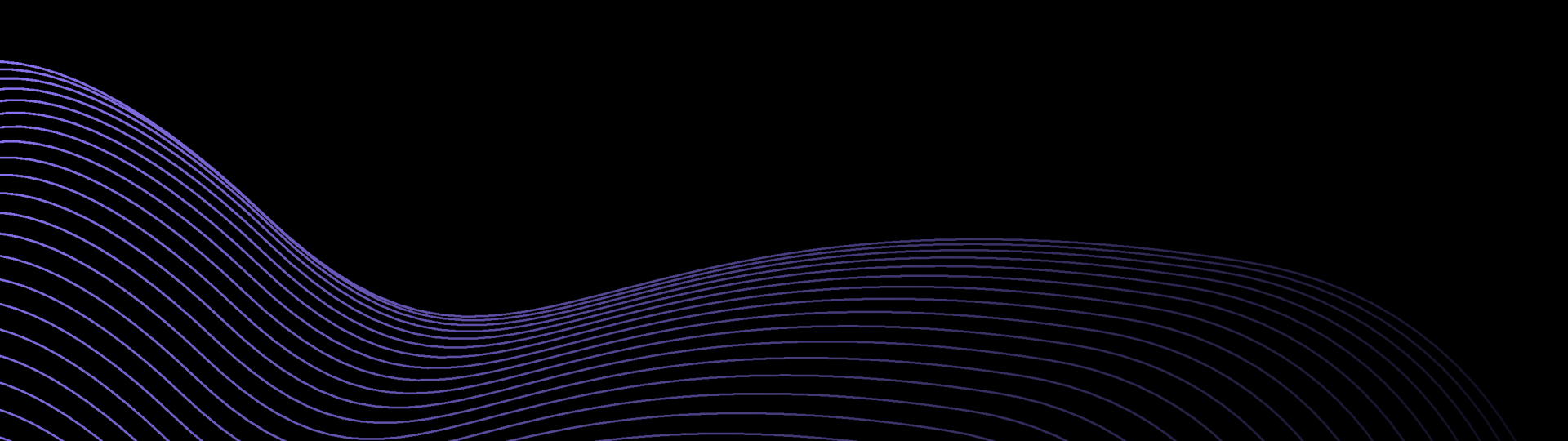
- Military/Medicene
- Particles
- World Record



It is too hard!



The popular belief about working
with photons is that it is too hard



Tip from researchers

- Combine studies with work in the industry
- Don't think that something is too hard, just try
- Find the field which makes you curious
- Sometimes the result can be unbelievable

The background features a series of concentric, wavy blue lines that originate from the top right and curve towards the bottom left, creating a sense of depth and movement against the solid black background.

Do you have
any questions?