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EPIC Single Photon Sources and Detectors

Cecilie Toftdahl Olesen

cecilie.toftdahl@sparrowquantum.com



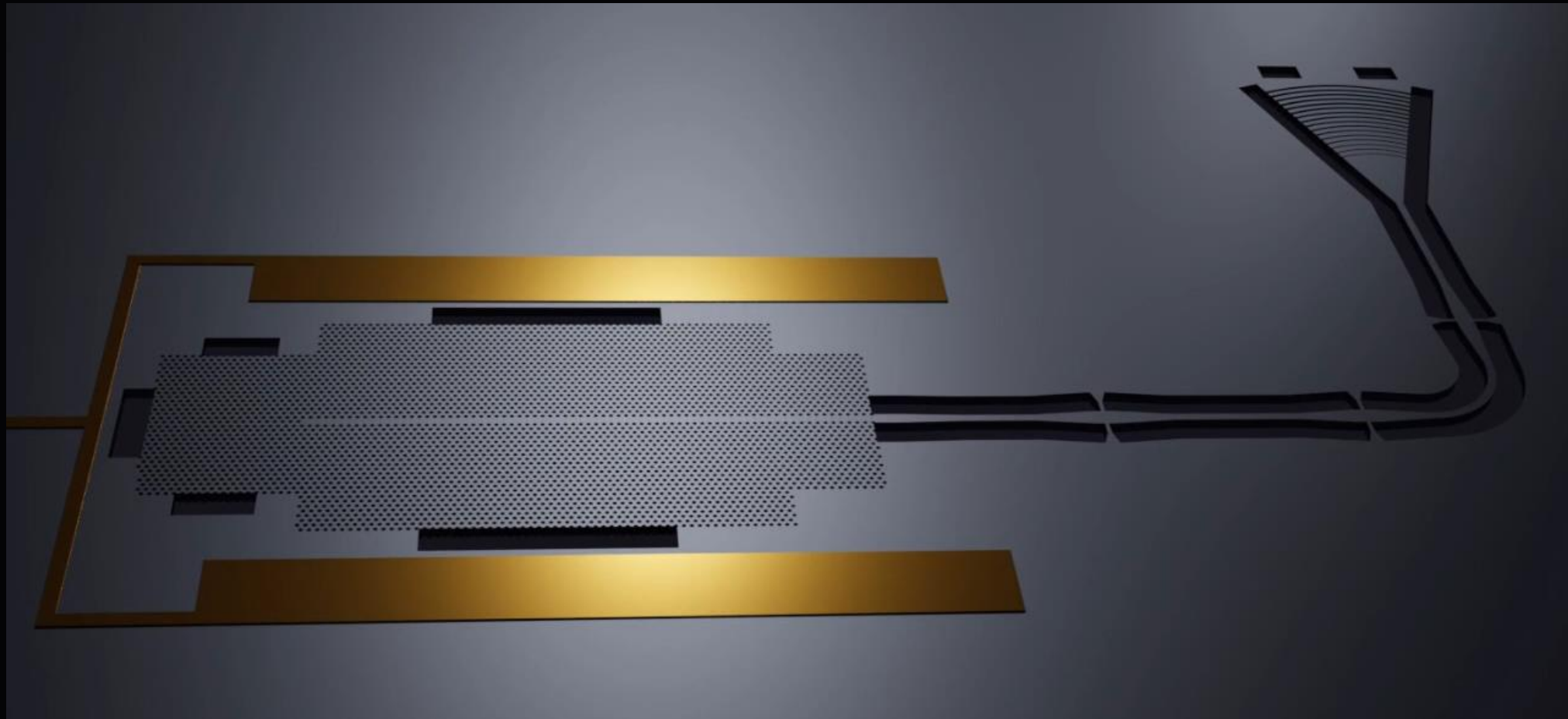
SPARROW SINGLE-PHOTON SOURCE

Your opportunity to advance the
future of quantum achievements



SINGLE-PHOTON SOURCE

Single-sided photonic crystal waveguide





SINGLE-PHOTON SOURCE

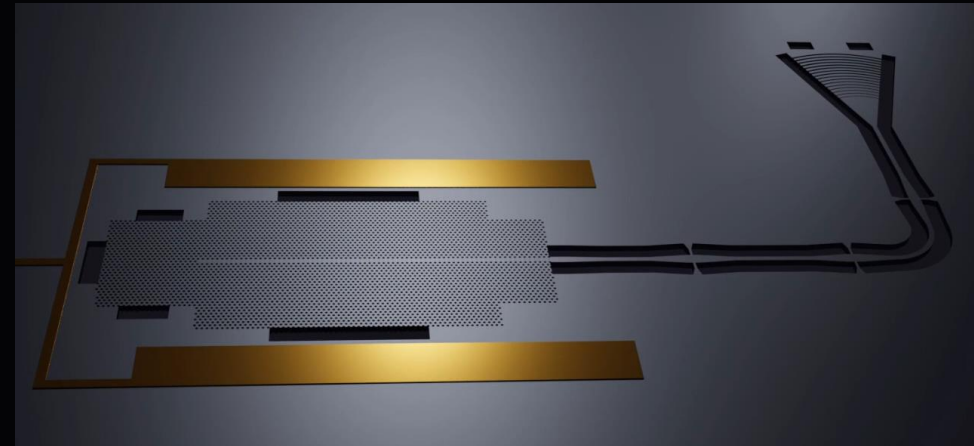
Single-sided photonic crystal waveguide

State-of-the-art

Low noise environment

Spatial separation

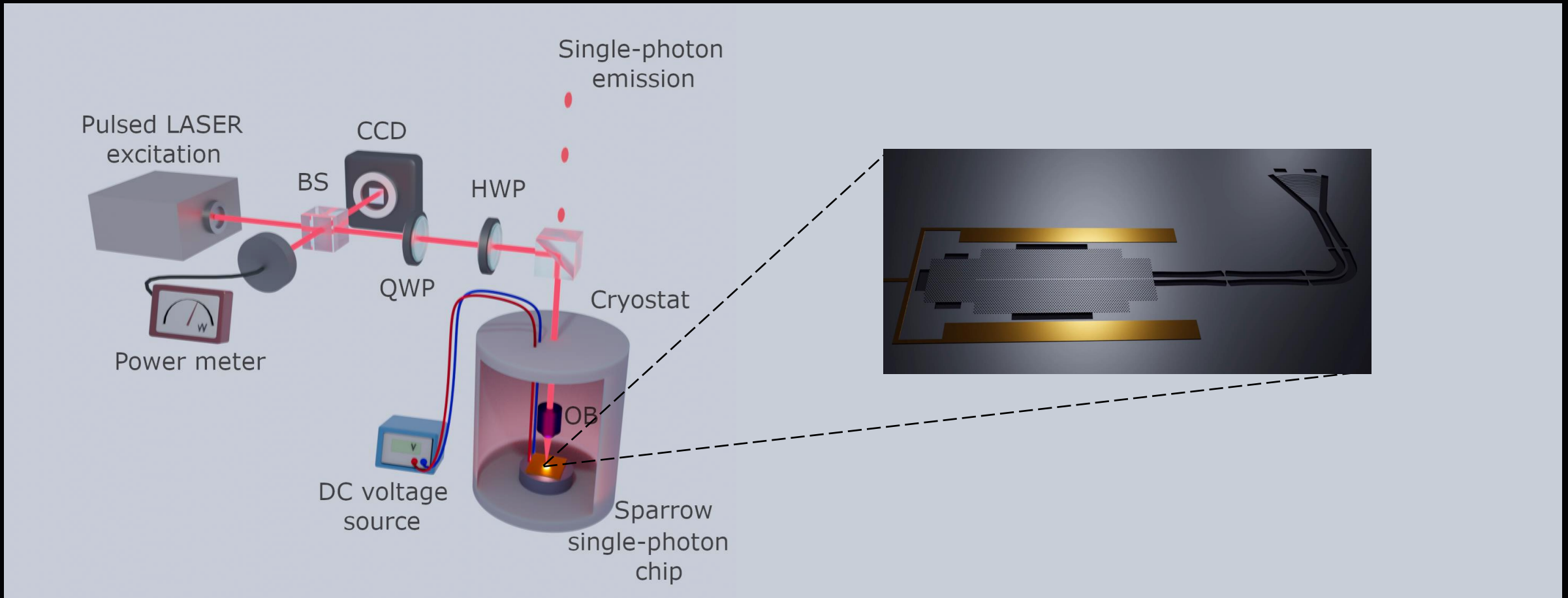
On-chip deterministic

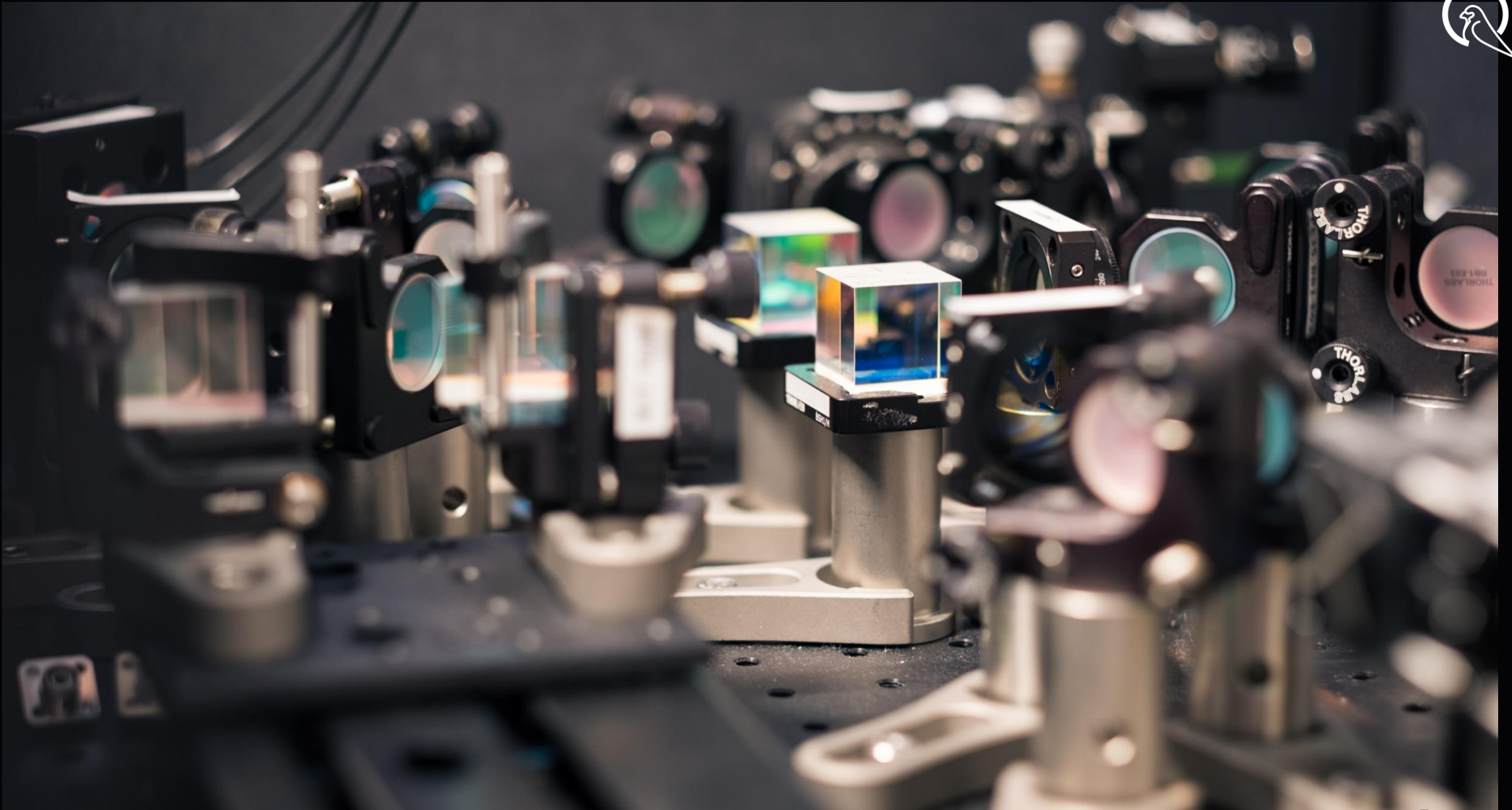




SINGLE-PHOTON OPERATION

Free-space setup







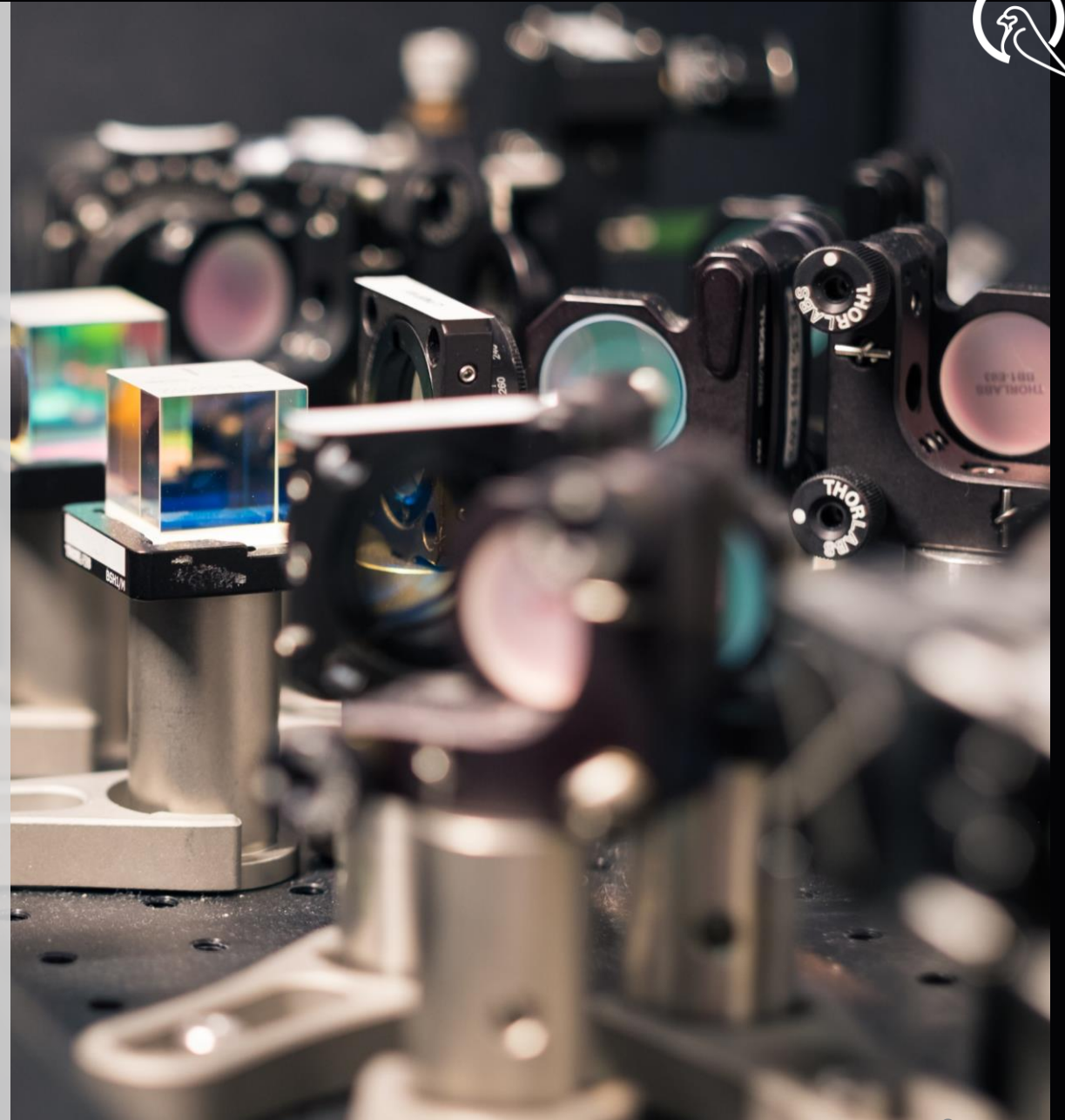
SPECS

99% Pure

98% Indistinguishable

92% Deterministic

Ease-of-use





PROJECTS and APPLICATIONS

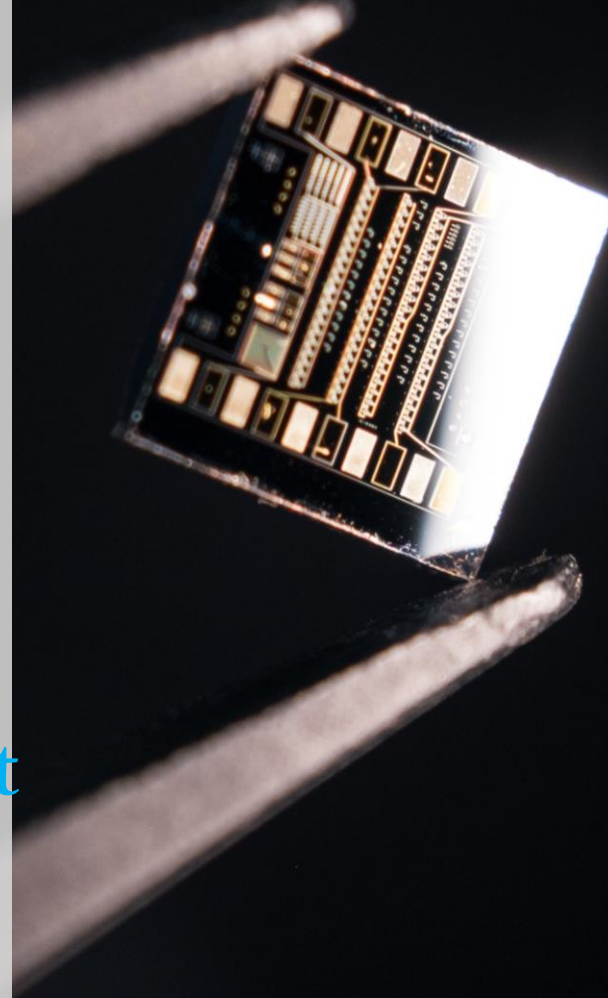
Telecom single-photons

Hybrid materials

DI-QKD

Multiplexing

Multiphoton experiment





DEVELOPMENT PLAN



**User-friendly
Fiber coupling
Plug-and-play
Integrated source
Technology first**



“What can you do for them and what can they do for you”

EPIC question



Q & A

www.sparrowquantum.com | cecilie.toftdahl@sparrowquantum.com | [LinkedIn](#) | 