

Ki3 PHOTONICS
Technologies

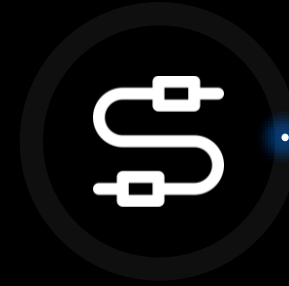


QUANTUM RESOURCE DISTRIBUTION THROUGH ENTANGLEMENT

**EPIC Online Technology Meeting on Single
Photon Sources and Detectors
Yoann Jestin, CEO Ki3 Photonics**



**QUANTUM
PHOTONICS FOR
COMMUNICATIONS**



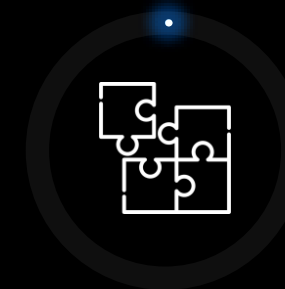
Portability



Ease of use



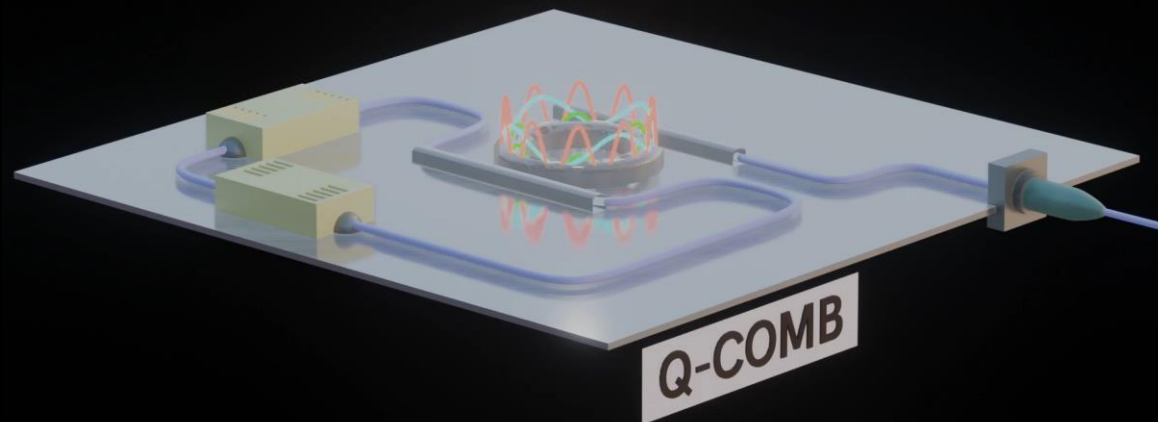
Market
maturity



Telecom
compatibility

QCOMB – MULTICHANNEL SOURCE OF PHOTONS

Combine integrated chips with fiber optics components
Enable multiplexing and generate photon pairs over 50 ITU channels



- ✓ **Compatible** with existing fibers
- ✓ **Efficient** information traffic management
- ✓ **Low-cost** approach

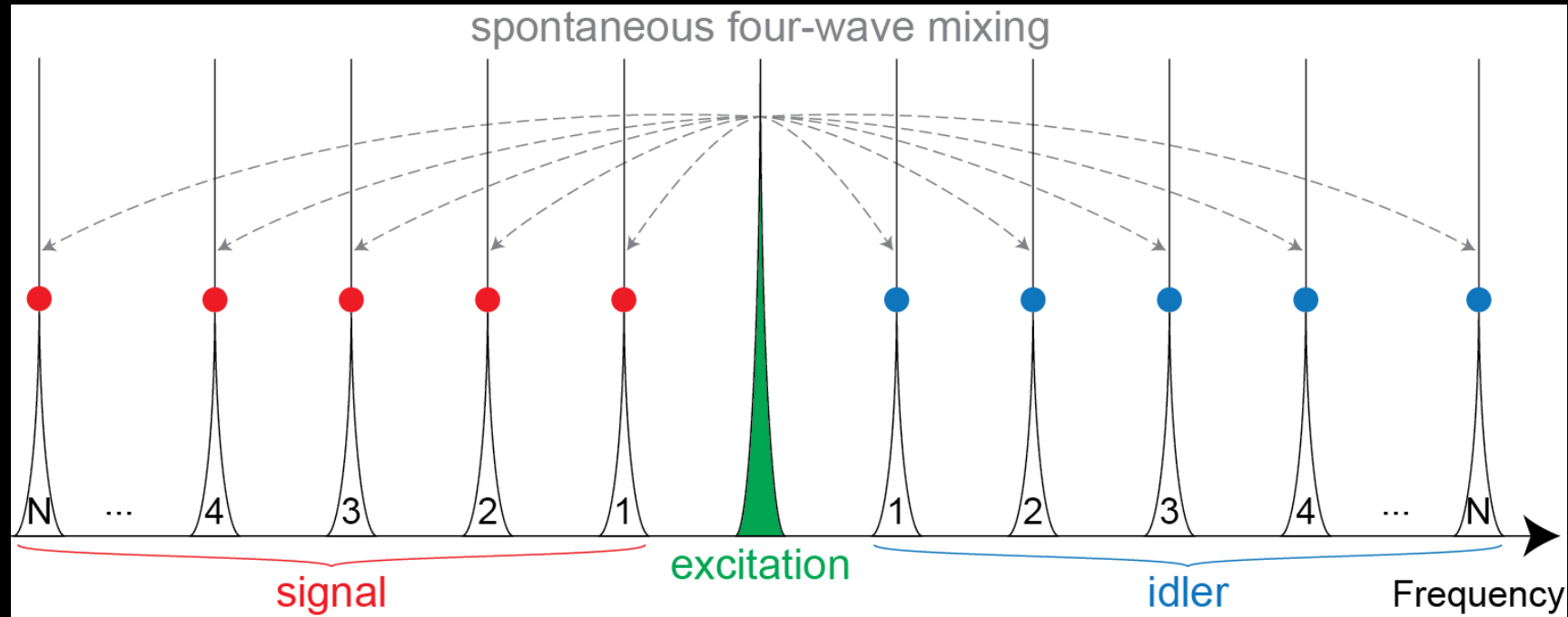
Patented in US and Canada

Science

nature

Published articles

INTEGRATED QUANTUM FREQUENCY COMBS



Solution for **scalable** and **multi-mode** state generation

QED·C

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CONTACT

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