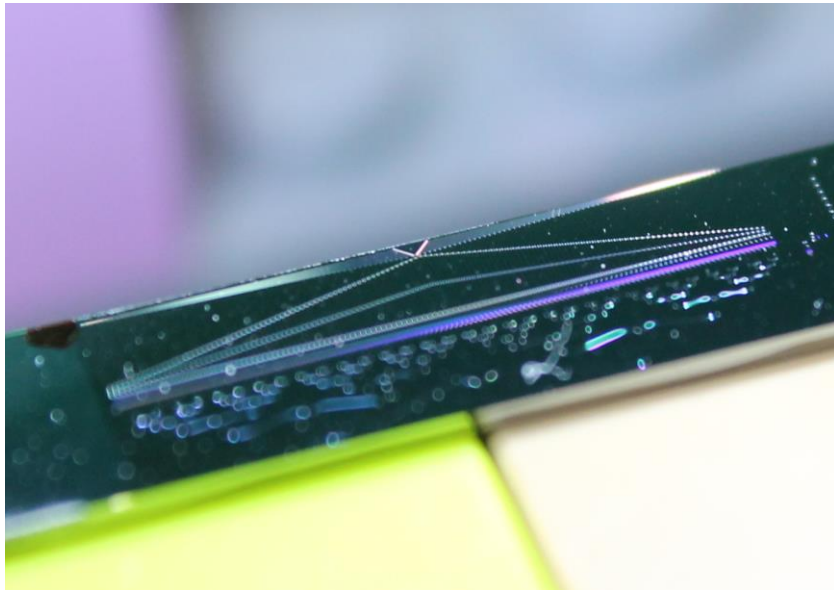


MMATIDIA

A NEW LOOK AT LIDAR

What we do?



- ▶ Integrated solid-state.
- ▶ Flood Illumination.
- ▶ All-digital imaging.
- ▶ 10^2 - 10^5 x optical throughput.
- ▶ Coherent detection
- ▶ No moving parts

TRL 4 end 2019 / TRL 6 by end 2020
Funding: public & shareholders
ESA project starting in May



Dragonfly: 40k x 8 = 320k elements
Ommatidia LiDAR:
12k x 4 = 48k elements– 3D
Video High Resolution & Long Range
1-10Mpix – 10-200Mpts/s
> 300m

MMATIDIA

A NEW LOOK AT LIDAR

What we offer?

Flood Illumination

Beam steering

Microfabricated

Flash

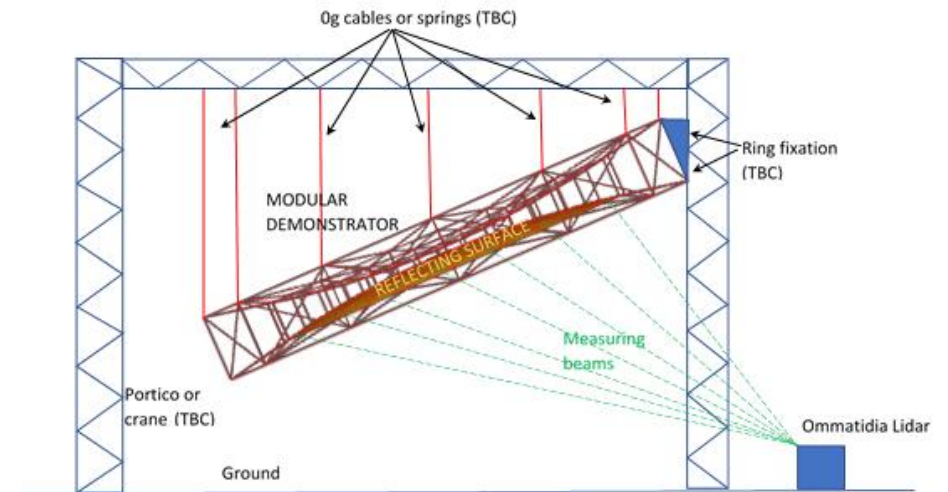
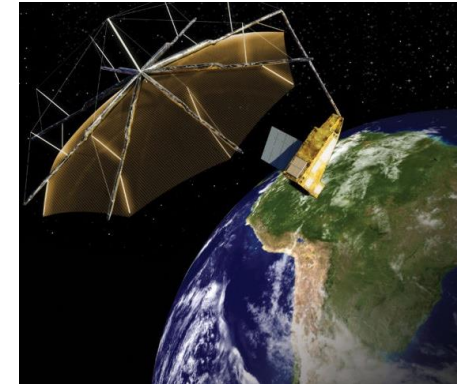
Mechanical

Time of Flight

MEMS

OPA

FMCW





What we look for?

- Opportunities for use cases
- New metrology applications
- Scaling up the technology

