Photonic Switches

The increasing data traffic demands puts increasing strain on telecom network and data center infrastructure. Optical interconnect technology needs to address tighter energy consumption, space and speed constraints. Our latching optical switches are compact, energy efficient and have sub-microsecond switching time.

"Compact, fast, energy-efficient, flexible connectivity"

TEAM MEMBERS

Hernán Furci, Scientist in Nanotechnology at EPFL
Anastasia Patsouli, Electronics Engineer MSc | IPMA Certified
Ahmad Hamad, Data Scientist
Yannick Demets, pursuing a PhD in Physics

1 Who are your clients?

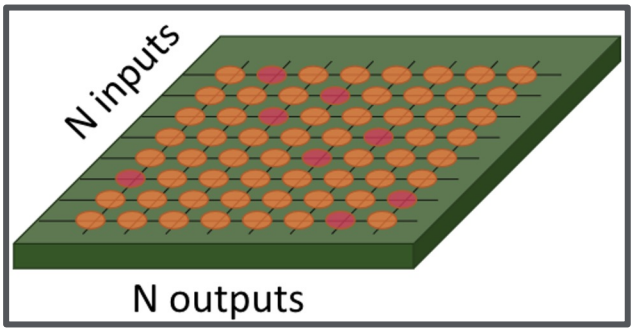
Telecom network (on Earth and satellites) and data center operators at circuit switching level. Scientific laboratories or industries looking for automating in their optical device measurements.

2 How do you make money?

We offer MxN multi-channel latching optical switch matrices in a compact packaging.
Our technology can also be offered in for reconfigurable photonic circuits on-a-chip satisfying custom demands.

3 What gives you credibility?

Technology developed and proven by EPFL scientists, in collaboration with Swiss and European partners.



Next steps

1. What are you going to do in next 6 months?
Continue interviewing interesting market actors. Attend to specific fairs / conferences with interest in optical hardware, for meeting the competitors and possible clients in person. Studying partnerships with established companies to facilitate market entry.

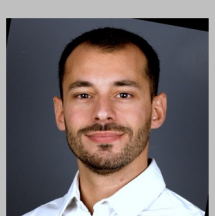
2.HR needed after the training
Photonic and electronic systems engineer(s).

3. What kind of support that you are looking for:
Further training & coaching in market access and industrialization.

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Innosuisse – Swiss Innovation Agency

1 
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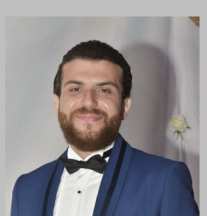
3 
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