

LION: Large Intelligent Optical Networks -

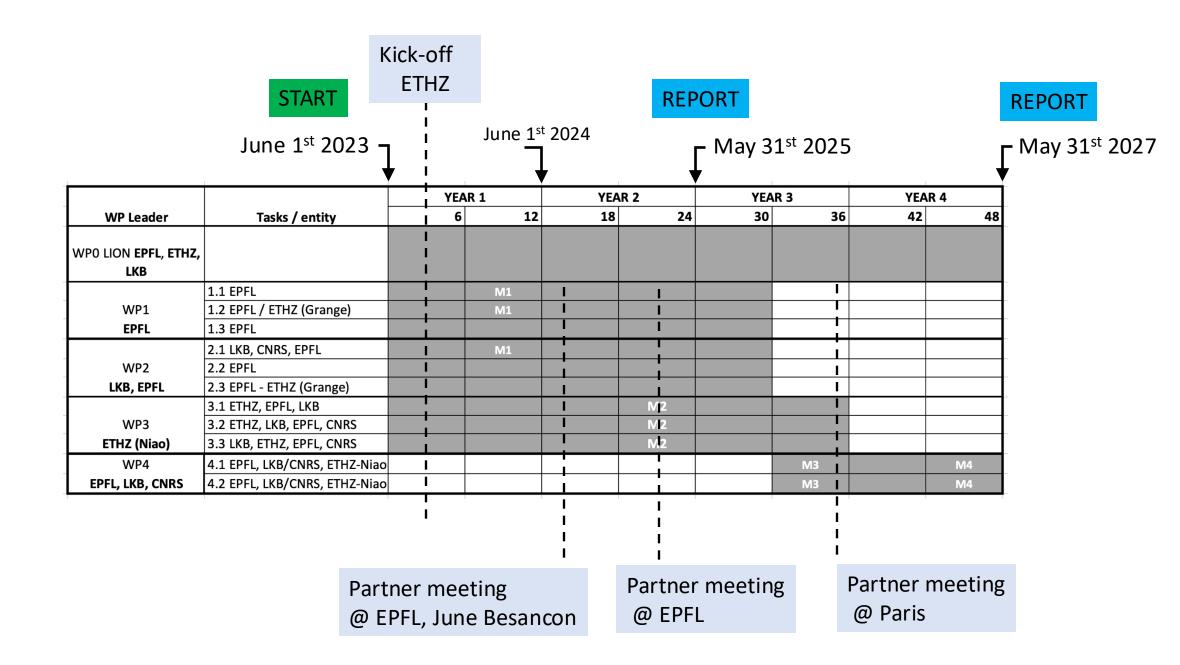
3rd meeting: EPFL



make a picture of 15 scientist in a room in the BM building 4th floor talking about optical computing at EPFL









Action items:

Dissemination: Creating a project website

https://www.epfl.ch/labs/lapd/funding/lion-large-intelligent-optical-networks/



10H30: EPFL & Rachel's group – discussion on MZ chip – implementation of topology

12h00: Lunch brought in BM 5204

13h00:

20 min: Talk by Ulas / Mustafa (collab EPFL/ETHZ): Design Optimization of PICs for

non-linear optical computing

15 min : Andreas ETHZ: experiments with **PICs**

20 min: Talk by Leo Hsieh: vTOLO: Vision Transformer with only

linear optics: improved classification accuracy **databases**

20 min :Talk by Ilker : Optical Diffusion Model

20 min Xue (Gigan's group): trace estimation and classification

with **broadband light**

20 min: Daniel Brunner: advances in **3D integration**

15h00 : coffee break, discussion , next LION meeting

17h00: end