



Welcome to Qlight

Team 6

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QLight

A Photonics Interplay

In quantum mechanics, a particle exists in all states until observed. We built a light that does the same — alive with possibility until you walk beneath it.





Inspiration

6 people, 1 question: what is light to us?





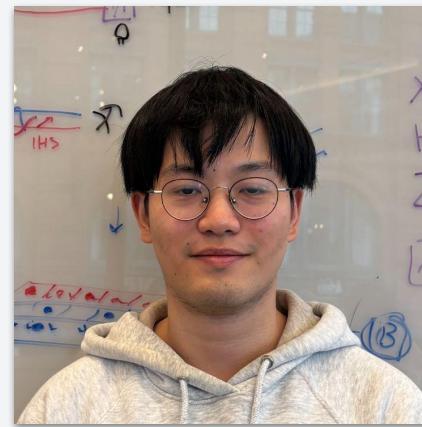
"Luminous"

Anto



"Graphics"

Adrian



**"Electromagnetic
Radiation"**

Lao





“Vision”

Monica 



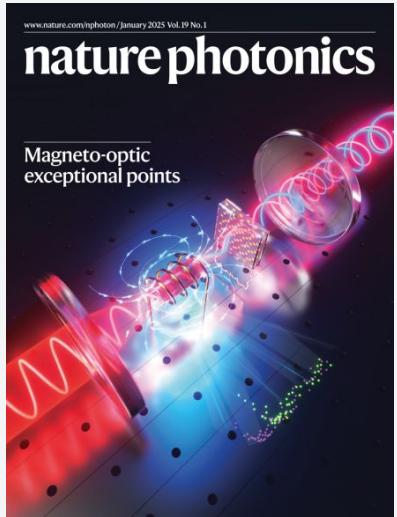
“Immersive”

Pablo 



“Clarity”

Jack 



Science



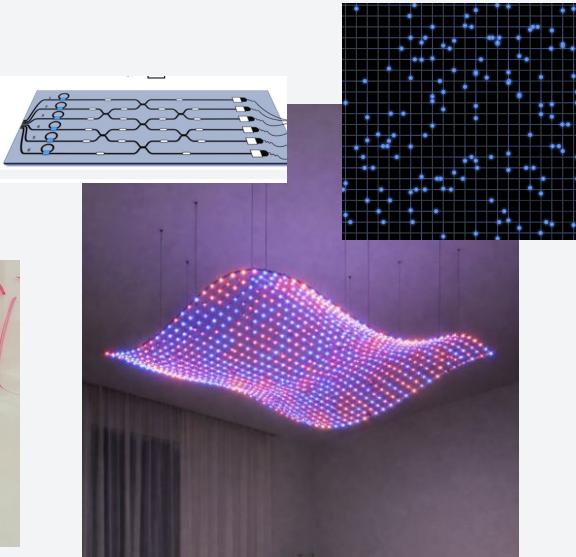
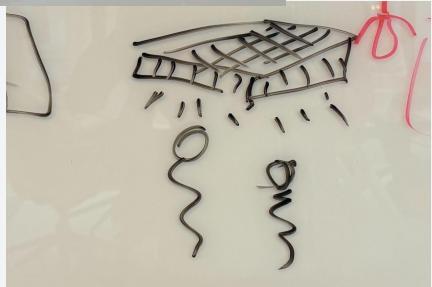
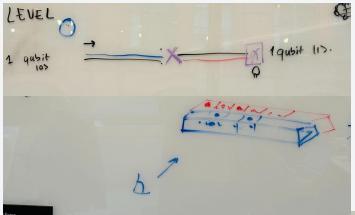
Art



Evolution

How our idea evolved...





Stage 1

Qubits. Photonics. Gates.
Measurement collapse.

Stage 2

Challenge turning science
into physical art

Stage 3

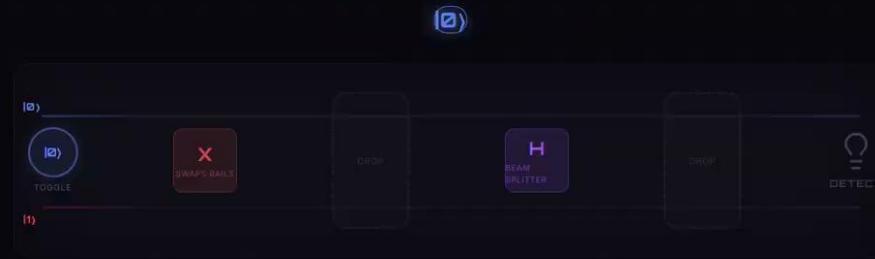
Visualizing both process
and outputs



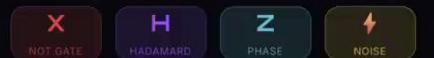
Science

Explaining the metaphor



 PHOTON LAB
DUAL-RAIL PHOTONIC QUANTUM CIRCUIT

GATE PALETTE - DRAG TO CIRCUIT

 AUTO  STEP  RESETHERMITIAN GATES - $G^\dagger = \text{IDENTITY}$  Swap rails  Beam splitter  Phase shift  Decoherence



The future

Where can QLight go...





Fin

Thank you for the day!