



AGNISHIYA γ

MISTHOLDEN

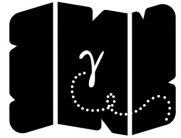
LAKE SAPPHIRICA

LADY OF THE SHADOW

THE NEVERWOOD

PARIHAVEN





THE PHOTONIC TRAIL

A QUANTUM OPTICS TREASURE HUNT

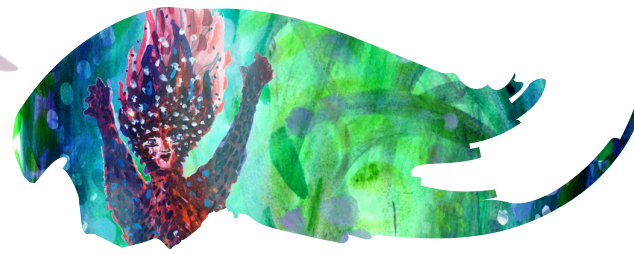
The Photonic Trail is an immersive quantum optics single-player game that allows anyone from beginners to seasoned pros inculcate quantum optics concepts through game play.

It is a treasure hunt with 6 missions that span the basics of quantum optics.

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THE GAME

You are an adventurer in the Enchantic Realm. You seek the Hilbert Spade, an ancient, magical artefact that kingdoms once warred over before it was hidden away. They say the person who wields the Hilbert Spade can travel anywhere in spacetime by simply digging a small hole in the ground. They also say that only a Master of Light is worthy enough to attain this treasure.

In order to become such a Master you must traverse the ancient Photonic Trail, overcoming any obstacles in your way. Each successful mission takes you one step closer to becoming a Master of Light, one step closer to finding and wielding the Hilbert Spade.

DO YOU HAVE WHAT IT TAKES TO
BECOME A MASTER OF LIGHT?



THE MISSIONS



1 PARIHAVEN
Sources and Detectors

2 THE NEVERWOOD
Laser Properties



**3 THE LADY OF
THE SHADOW**
Waves, Detections, and
Superposition

4 LAKE SAPPHIRICA
Qubits and Quantum Gates



5 MISTHOLDEN
Bell States

6 AGNISHIYA
The Final Mission

