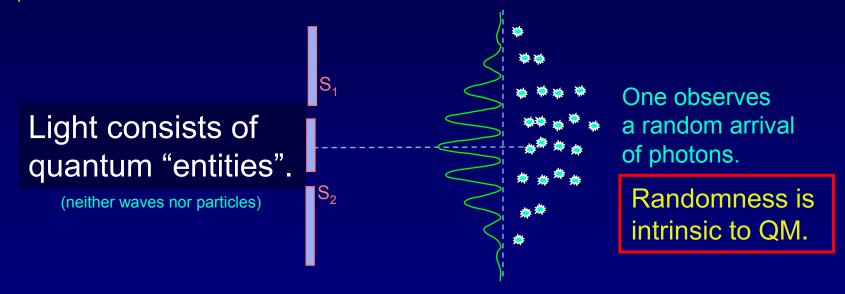
## 2-slits Revisited (3)

## The quantum answer:

The intensity of the wave pattern describes the probability of arrival of quanta. The wave itself is a "probability amplitude", usually written as  $\psi$ .



Quantum mechanical entities are neither particles nor waves separately, but both simultaneously. Which properties you observe depends on what you measure.

Very large number of quanta ⇒ classical wave pattern