



Alpha Centauri

$$\frac{1}{\sqrt{2}} \left( | +z \rangle | -z \rangle - | -z \rangle | +z \rangle \right)$$

Particle A

Particle B



Betelgeuse

|              |          |          |          |          |
|--------------|----------|----------|----------|----------|
| Experiment 1 | $S_1$    | —        | +        | $S_2$    |
| Experiment 2 | $S_3$    | +        | +        | $S_2$    |
| Experiment 3 | $S_2$    | +        | —        | $S_1$    |
| Experiment 4 | $S_3$    | —        | +        | $S_3$    |
| Experiment 5 | $S_3$    | —        | —        | $S_1$    |
| $\vdots$     | $\vdots$ | $\vdots$ | $\vdots$ | $\vdots$ |