

SCIENCE in STEWARTON

THURSDAY 30TH MARCH

6.30pm to 8.00pm

STEWARTON ACADEMY

Cairnduff Place, Stewarton, KA3 5QF

The lives of the particles

Dr Sophie Renner

Particle Physics Theory Group, University of Glasgow

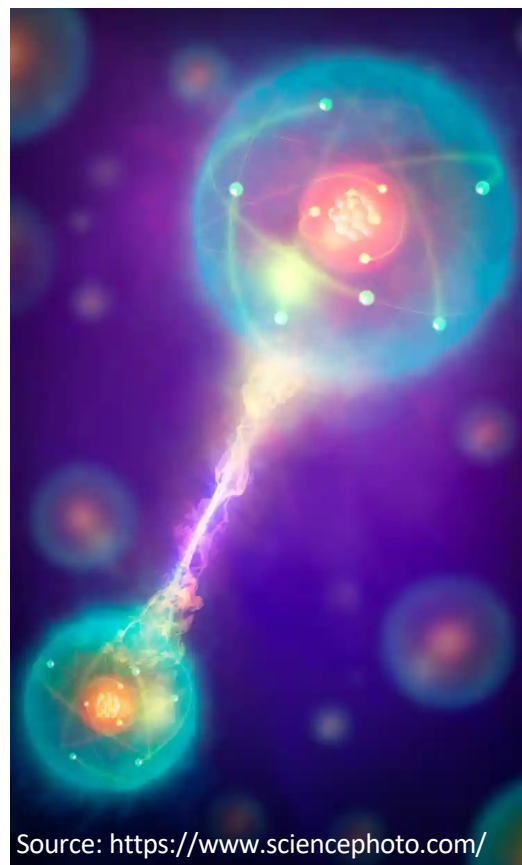
Zoom in to distances smaller than an atom, and you enter a whole new world. This is the world of the smallest things that we know about: the protons, electrons, and other tiny subatomic particles.

These particles lead exciting lives – some of them have lived through all of history since the Big Bang, while others are born in explosive particle collisions and only survive for the tiniest fraction of a second.

In this talk, I will follow the intertwined stories of some of these particles, explaining how physicists are able to catch glimpses into their strange world. I will also talk about my own story, and the places that studying physics has taken me.

How will it work?

- Session is free and open to everyone.
- Starts with refreshments from 6.30pm to 7pm.
- Then we settle in to café style seating to explore our universe with a short talk by our speaker, followed by an open informal discussion.



Source: <https://www.sciencephoto.com/>

This is our final event of the year, but we'll be back in January 2024.