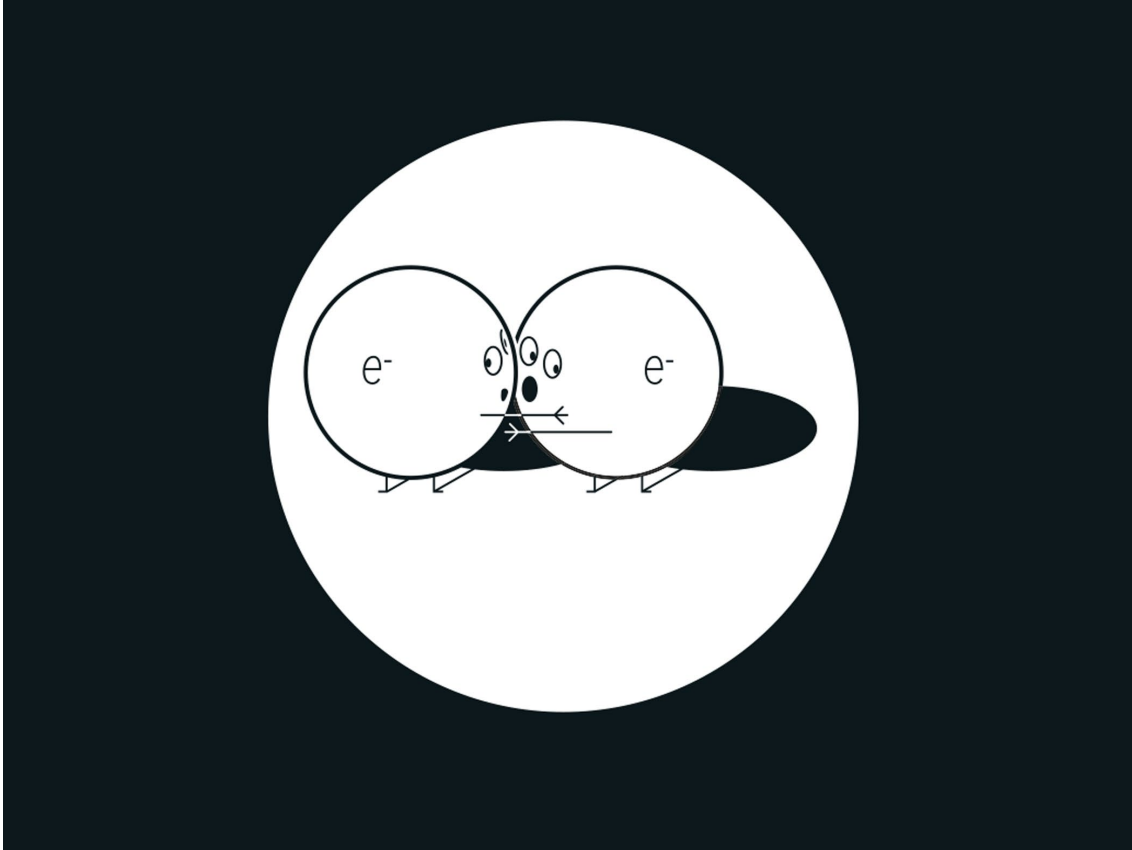


Student Assignment – Physics prize 2023
Electrons in pulses of light



Pierre Agostini, Ferenc Krausz and Anne L'Huillier are awarded the 2023 Nobel Prize in Physics "for experimental methods that generate attosecond pulses of light for the study of electron dynamics in matter".

What do you think is most interesting about this year's physics prize?

An attosecond is a billionth of a billionth of a second. How many digits after the decimal point would there be if you wrote out that number?

The laureates worked with laser light. What is special about laser light?

The laureates' methods can capture the extremely rapid processes inside of atoms and molecules. How do you think that could be used?

Curiosity has been an important driving force in the work of the three physics laureates. What are you curious about?
