

The 5th and final module of the IFA challenge track deals with Quantum Mechanics and takes place in weeks 17-25.

In this module you will be studying wave-particle duality through experiments with electron diffraction and you will be reading and discussing several modern physics papers which deal with the interpretation of Quantum Mechanics and experimental tests of fundamental aspects of the theory. Besides the laboratory work, the module involves a number of journal club meetings where you will be discussing the papers with your peers.

The output of the project is a written report (max. 2,500 word).