

Maxie Rößler is an Associate Professor in Chemistry and Director of the Centre of Pulse EPR spectroscopy (PEPR) at Imperial, London. She completed her DPhil with Prof. Fraser Armstrong FRS at the University of Oxford in 2012, took up a lectureship at Queen Mary University of London in 2013 and moved to Imperial in 2019, where she built up PEPR.

In her research she seeks to understand and exploit electron transfer reactions in chemical and biological systems. Her group combines EPR spectroscopy with electrochemistry, biochemistry and material science and has been developing film-electrochemical EPR spectroscopy as a new tool to gain mechanistic insights into complex metalloenzymes and electrocatalysts.

Recent awards include the Royal Society of Chemistry Joseph Black Prize (2024), the Imperial President's Medal for Excellence in Research (2023) and the European Bioinorganic Chemistry Medal (2022).