Tweets, likes and unfriending: What can social networks teach us about catalysis and photosynthesis?

Dr Scott Habershon
Department of Chemistry, University of Warwick

In this talk, I will describe recent research which employs ideas traditionally used to study social networks to help understand the emergent efficiency and robustness of biological photosynthetic centres. Furthermore, building on our research aimed at understanding dynamics in liquid water, I will show how similar network-based ideas can help predict reaction mechanisms, paving the way towards computer-aided design of tailored molecular catalysts.