POWER CO_2

Bertrand Reuillard

Bertrand received his PhD degree in 2014 from the University of Grenoble Alpes (under the supervision of Dr. Alan Le Goff and Dr. Serge Cosnier) for the development of carbon nanotube based glucose-oxygen enzymatic biofuel cells. He then joined the group of Prof. Erwin Reisner for a first post-doctoral stay in Cambridge where his work mainly focused on the immobilization of molecular or enzymatic electrocatalysts on electrode surfaces for energy conversion (solar fuels production). In February 2018, he joined the SolHyCat team of Dr. Vincent Artero and aimed at the development of powerful and stable noble metal free molecular based anodes for H2-O2 fuel cells.

In June 2020, Bertrand was hired as full CEA researcher to develop new (macro)molecular systems for supported electrocatalytic CO2 reduction. He is looking at how the modification of the electrode environment can tune the activity of confined molecular centre in the context of energy conversion and electrification of chemistry.