

Diogo M.F. Santos

Currently works as an Associate Researcher in the Center of Physics and Engineering of Advanced Materials (CeFEMA) of Instituto Superior Técnico (IST, Universidade de Lisboa), studying electrodes and membranes for application in direct liquid fuel cells.

D.M.F. Santos was born in Torres Vedras, Portugal, in 1977 and graduated in chemical engineering at IST in 2001. He received a M.Sc. degree in 2006 and a Ph.D. degree in electrochemistry in 2009. His Ph.D. thesis was devoted to the development of the direct borohydride fuel cell. He did a 3-year post-doc in Chemical Engineering in FEUP (Porto University) and IST studying new electrocatalytic materials for hydrogen production by alkaline water electrolysis. Afterwards he did a 2-year post-doc in Materials Science & Engineering developing cathodes for direct borohydride fuel cells in IST and CICECO (Aveiro University).

As an Investigador FCT in CeFEMA (2015-2020) he developed low-cost electrocatalysts for application in low-temperature fuel cells.

D.M.F. Santos has authored over 100 journal papers and 90 conference proceedings. His current h index is 28 (SCOPUS). He has presented more than 50 oral communications and 60 posters in international conferences. He is a member of several renowned international societies and serves as a reviewer for over 70 different scientific journals.

D.M.F. Santos is currently the supervisor of 2 PhD student and 3 MSc students. He has completed the supervision of 1 Postdoc researcher, 11 MSc students, and 8 research internships.

His main research interests are related to electrochemical energy conversion and storage.