

Professor Tim Albrecht

Statement

A member of the ISE since 2001, I have always been strongly committed to the society and the values it represents, for example as the UK Regional Representative (2011-2016) and since 2018 as the Secretary General of the Society and member of the Executive Committee. I am humbled and very grateful to the ISE community for entrusting me with this role. Those recent years have been fast-paced and even more challenging times lie ahead, with some of the society's activities going online and a wider challenge to the way we operate. With your support, I would very much like to continue to contribute to this transformation and to help the society flourish in the future.



Curriculum Vitae - Tim Albrecht

RESEARCH INTERESTS:

Electrochemistry at the nanoscale; resistive pulse sensing with nanopores and nanopipettes; single-molecule charge transport; tunnelling-based biosensing and sequencing; machine learning for single-molecule data analysis; quantum interference and (molecular) thermoelectrics

WORK EXPERIENCE

Sept 2019 onwards	Interim Head of Section, Interactions, Interfaces & Sensing
Sept 2018 onwards	Director of Research & Knowledge Transfer, School of Chemistry
Sept 2017 onwards	Professor of Physical Chemistry, University of Birmingham
Aug 2014 - Aug 2017	Reader, Imperial College London
Aug 2011 - July 2014	Senior Lecturer, Imperial College London
Oct 2006 - July 2011	Lecturer, Imperial College London
Nov 2003 - Sep 2006	Postdoctoral Researcher, Prof. J. Ulstrup, Group of Bioinorganic Chemistry, Technical University of Denmark (DTU)
September/October 2003	Staff Scientist, Max-Volmer Biophysical Chemistry, Technical University of Berlin, Germany

EDUCATION AND TRAINING

September 2003	PhD from the Technical University of Berlin and MPI for Bioinorganic Chemistry, Muelheim, Germany
January 2001 - March 2003	PhD Student Fellow of the German Academic Foundation ("Studienstiftung des deutschen Volkes")

January 98 - March 2000 Student Fellow of the German Academic Foundation
("Studienstiftung des deutschen Volkes")
October 1995 - March 2000 Chemistry studies, University of Duisburg/Essen, Germany

AWARDS

Fellow of Royal Society of Chemistry (2017); Wellcome Trust Value-in-People Award for a Visiting Professorship at TU Delft (Kavli Institute for Nanoscience, C. Dekker group), June - August 2014; John-Albery Memorial Lecture at UK Electrochem 2014; ISE Tajima Award 2013; Lecture at Imperial College's 'Education Day' 2010, on innovative concepts for teaching in Nanoscience

PROFESSIONAL MEMBERSHIPS

International Society of Electrochemistry; Royal Society of Chemistry; Institute of Physics

MANAGERIAL FUNCTIONS, INDUSTRIAL RELATIONS, AND SERVICE TO THE COMMUNITY

Coordinator, "Interest Group AI in Chemistry (AIChem)" (from 2019); Director, "UoB/BAM Centre for Collaboration in Chemistry and Materials Science" (from 2019); Secretary General of the ISE (from 2018); Chair of the UK RSC Electrochemistry Group (2014-2017)