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Mathieu Salanne is professor of chemistry at Sorbonne University (Paris). His research field of interest is the simulation of electrolytes for energy production and storage, with a focus on methodological developments for the modelling of electrochemical interfaces.

He graduated in chemical engineering from Chimie ParisTech in 2004 and obtained his PhD in 2006. He was appointed assistant professor at Sorbonne University in 2007 and promoted to full professor in 2016. He was group leader (ionic liquids and electrochemistry group) at the PHENIX laboratory from 2014 to 2021, and was appointed as director of the Institute for computing and data science in 2022. Since 2017 he is the leader of the theory group of the French network on electrochemical energy storage (RS2E). He also held a part-time excellence chair in high-performance computing at Paris-Saclay University from 2014 to 2018. He has published more than 170 peer-reviewed journal articles.

His research has been recognized by the IUPAP young scientist prize in computational physics in 2014 for the development of methods to allow realistic atomistic simulation of molten salts and ionic liquids in situations of relevance to electrochemistry. He obtained an ERC consolidator grant in 2017 for the project AMPERE (Accounting for the Metallicity of the electrode, the Polarization of the Electrolyte and Redox reactions in computational Electrochemistry). In 2020 he was appointed as a junior member of Institut Universitaire de France. He was member of the Editorial Advisory Board of the Journal of Chemical Physics (2020-2022) and of the Scientific Steering committee of the Partnership for Advanced Computing in Europe (2020-2023), in which he served as the vice-chair in 2022 and chair in 2023. He currently serves as an Associate Editor for ACS Nano.