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Short Biography

Christian Amatore, 58, is a Fellow of the International Society of Electrochemistry, Full Member of the French Académie des Sciences, Honorary Fellow of the Royal Society of Chemistry, Honorary Fellow of the Chinese Chemical Society, and Honorary Member of the Israeli Chemical Society. Up to 2010 he served as one of the twenty members of the High Council of Science and Technology which advised the French Governments on scientific matters. He received many national and international awards and medals and has been made knight of the National Order of Meritus and of the Order of Légion d'Honneur by the French Republic.

He is a registered member of the Divisions 1 (Analytical Electrochemistry), 2 (Bioelectrochemistry), 6 (Molecular Electrochemistry) and 7 (Physical Electrochemistry) of ISE and currently serves as Chair of Division 6.

With the pioneering of ultramicroelectrodes Christian Amatore provided electrochemists with instrumental and conceptual means enabling them to tackle with important problems in organic, inorganic and organometallic chemistry or nanosciences. His recent works deal with the very frontier of molecular electrochemistry and biology. Through the use of the concept of "artificial synapses", he undertook the careful study of neurotransmission or oxidative stress at the level of single cells.

These works correspond to over 375 primary research publications cumulating ca 13,000 citations with a "H-index" of 60 (ISI Web of Knowledge, 2010).