

## Prof. Carlos A. Martínez-Huitle



He is graduated in Chemistry at Universidad de las Américas-Puebla (México) under supervision of Prof. Dr. Marco Antonio Quiroz Alfaro. After a work experience in Ciba-Specialty Chemicals (currently acquired by the German chemical company BASF), he moved to Ferrara (Italy) where he received his PhD in Chemical Sciences at the University of Ferrara under supervision of Prof. Achille De Battisti. During the same period, he worked as visiting scientist in the group of Prof. Christos Comninellis at the EPFL Institute, Switzerland. From since 2005 to 2008, he has served as faculty member in the Department of Chemistry at the University of Milan. In 2008, he also moved to Brazil where he currently is an Associate Professor in the Institute of Chemistry at the Federal University of Rio Grande do Norte. He was awarded with the Oronzio and Niccolò De Nora Foundation Prize by the Italian Chemical Society (2005) and the Oronzio and Niccolò De Nora Foundation Prize on Environmental Electrochemistry by the International Society of Electrochemistry (2009). The Mexican scientist was also recognized by German Government, in 2009, with the Green Talent Award for his contributions in the field of water disinfection-treatment by new electrochemical technologies. During these years, he has studied and worked in Mexico, conducted research in Switzerland and both taught and researched in Italy, Japan, Chile and Brazil. He is author and co-author of more than 300 scientific publications, including 4 conference books, 12 book chapters, 4 books, 230 papers in peer-reviewed international scientific periodicals (h index: 44 and more than 9000 citations), 5 papers in national scientific periodicals, more than 60 contributions in conference proceedings and a co-inventor of 4 patents. He also participates in the Editorial Boards of ACS ES&T Water (American Chemical Society), Journal of Chemistry (Hindawi), Applied Catalysis B Environmental (Elsevier), SN Applied Sciences (Springer) and Scientific Reports (Nature group) journals. His research interests include electrochemical advanced oxidation processes for water treatment, electrocatalytic materials, electrocatalysis, photoelectrocatalysis, electroorganic synthesis, electroanalysis as well as construction of electrochemical-sensors and waste valorization. Currently, he is coordinator of the Graduate Program in Petroleum Sciences and Engineering. He participated as general chair of organizing committee of the XXI Simpósio Brasileiro de Eletroquímica e Eletroanalítica on April, 2017 in Natal (Brazil) and he was also the general chair of organizing committee of the 4° Iberoamerican Conference on Advanced Oxidation Technologies (III CIPOA) which was held in Natal on 2019. Currently, he is a visiting scientist in the Institut für Organische Chemie at the Johannes Gutenberg-Universität Mainz (Germany) supported by Alexander von Humboldt Foundation. He is member of the Spanish Network of Excellence E3TECH, President of the Brazilian Society of Electrochemistry and Electroanalysis and Jury in Environmental Chemistry at the LatinXChem event (Royal Society of Chemistry), 2020.

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The candidate intends to achieve specific goals as the Division Chair (if elected):

**General objectives:**

to disseminate scientific and technological knowledge on electrochemistry  
to promote international cooperation in electrochemistry  
to attract new members

**Specific objectives:**

to help for scientific and technological ISE activities,  
to assist in the organization of Annual and Topical ISE Meetings,  
to promote the organization of Regional Student Meetings, emphasizing the participation of young electrochemists and graduate students,  
to incentive the participation of young electrochemists to apply for ISE awards,  
to promote cooperation with other Societies,  
to encourage the organization of online events by students as Regional Student Meetings,  
to focus on the use of Webinars as dissemination of electrochemistry.

Thank you for your support, vote, and assistance to achieve our collective goals  
Regards

  
Prof. Carlos A. Martínez-Huitle



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