



Biography

Maria Cuartero was born in Murcia (Spain). She studied a BSc in Chemistry and MSc in Advanced Chemistry at the University of Murcia (Spain). Maria Cuartero obtained her PhD degree in 2014 and then, she moved to the University of Geneva (Switzerland) for a postdoctoral stage in the group of Prof. Eric Bakker (2014-2017). Since 2018, Maria Cuartero is developing her scientific career at the Royal Institute of Technology (KTH) in Stockholm (Sweden), first as Marie Curie fellow and now as Assistant Professor and Docent. Recently, Maria has been appointed as Full Professor in the UCAM University (Spain), where she is leading the UCAM-SENS research unit in parallel to her activities at KTH. Also, Maria has been selected as Academic in the Young Academy of Spain for the next 5 years. She is co-author of more than 96 peer-reviewed papers mainly in journals related to Analytical Chemistry and Electrochemistry fields. Maria Cuartero received the prestigious Early Career Analytical Electrochemistry Prize from the International Society of Electrochemistry in 2018. Maria Cuartero research is mainly focused on the development of new fundamental concepts in electroanalysis, being funded by very prestigious grants such as ERC-Starting Grant (European Research Council) and the Swedish VR-Starting Grant (Vetenskapsrådet). Other research interests comprise environmental water electroanalysis, enzymatic (bio)sensors, wearable sensors for healthcare, spectroelectrochemistry and scanning-electrochemical microscopy.

For more information, please visit: <https://cuartero-research.com/>

Statement of the candidate

When I was proposed to run the elections for the new chair of division 1, I felt really fortunate and immediately accept it, since I consider this a great opportunity to be involved more deeply not only in the division 1 but also in the International Society of Electrochemistry. Indeed, my level of involvement in the division has increased over the last years as a consequence of meeting the members of division 1 in different occasions around the world. Honestly, I established very friendly and fruitful relationships with them, felt always very welcome to participate in the activities of division 1, and found this a niche to share opportunities and worries. Specifically, the moment that I received the Early Career Analytical Electrochemistry Prize of the division 1 was an inflection point and opened to me the opportunity to meet the members and discuss ideas about research aspects and also the tasks of the division. I started to get involved in the organization and chairing of different symposia in the annual meetings, putting on the table ideas for new topics, deciding on formats and providing solutions in view of the online running of the meetings. I would like to be chair of the division 1 to continue supporting its activities and even growth them. I would like to contribute for a higher visibility of the division in social networks, for example in twitter; propose the organization of an online workshop for young researchers on electroanalysis about how to prepare their abstracts, posters and presentations that they will then present in the ISE conferences; elaborate an strategy to keep and growth the number of members and get them more involved in the activities of the division; increase the involvement of scientific women in the division and in the ISE. These are just a few of ideas that I have and would love to work on them in collaboration with the members. It would be an absolute pleasure to be the new chair of division 1 and I would take the position with a high level of responsibility to contribute to the sustainable (and exciting) development of the ISE. Thanks in advance for your consideration.