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# Electrochimica Acta

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## Electrochemical Impedance Spectroscopy (EIS 2019): Foreword

The Symposium on Electrochemical Impedance Spectroscopy (EIS 2019) is an international meeting started since 1989 which takes place every three years. This conference has evolved into one of the leading events in electrochemical impedance spectroscopy providing a unique opportunity to gather experts of different fields around this powerful technique.

The first conference was organized in France under the leadership of Dr Claude Gabrielli. After traveling all over the world, this year the 11<sup>th</sup> edition returned to France, taking place at Lège-Cap-Ferret (near Bordeaux) for its 30th anniversary.

The Conference was a highly successful event thanks to the scientific contributions with more than 150 delegates from 31 countries including 13 non-EU countries. Like in previous meetings, EIS 2019 was organised in two parallel sessions with on-site accommodation, lecture halls, and poster presentation area. Over the five working days of the meeting, 100 oral papers (including plenary and keynote lectures) and 60 posters were presented. It is important to note that more than a third of the participants were young doctoral and post-doctoral researchers, auguring a promising future for the field of electrochemical impedance spectroscopy.

Altogether, the oral and poster contributions showcased the diverse aspects of the various fields of applications of EIS, including batteries and fuel cells, corrosion, coatings, semiconducting electrodes, electrochemical kinetics and mechanisms, electronic and ionic conducting polymers, localized electrochemical impedance spectroscopy, data processing and solid-state systems.

In addition to formal technical presentations, fruitful discussions in an atmosphere of friendship during coffee and lunch breaks and a number of social events provided opportunities for participants to network. Most of the activities, including the welcome reception and the discovery of the hosting country special-

ties (oysters and wine tastings) took place at Lège-Cap-Ferret. The conference dinner was held at Château Grattequina for a traditional French banquet. During the conference dinner, Noriyuki Furukawa Lundin from Tokyo University of Science (Japan), received the Best Poster Award for his contribution entitled "Development of Complex Potential Distribution Ratio as a New Transfer Function and Its Application to Localized Corrosion". For the first time, the "Claude Gabrielli Award" was instituted to distinguish an outstanding contribution to the field of EIS. Dr. Bernard Tribollet (Sorbonne Université – France) and Prof. Mark E. Orazem (University of Florida - USA) were both awarded for their exceptional creativity in experimental and theoretical studies and their diffusion of knowledge which largely contributes to the use of the impedance technique.

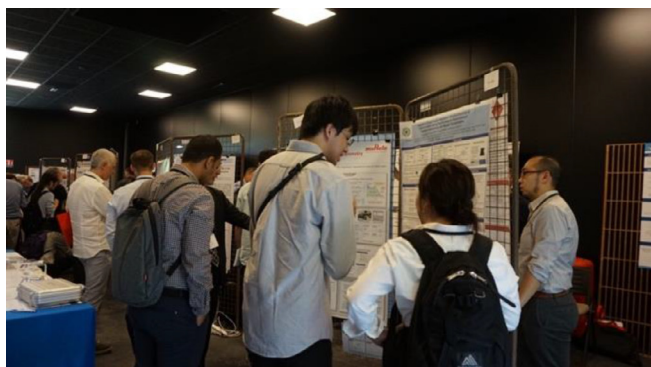
Finally, we would like first to thank the staff of the VVF in Lège-Cap-Ferret for the material and logistical assistance before and during the conference. We would like also to express our deep gratitude to our colleagues of the Organizing Committee for their help all along the preparatory phase of the meeting, to the authors for their simulating presentations, to the other symposium participants, and to the session chairs. We wish to express our great gratitude to Prof. Sergio Trasatti, the Special Issues Editor of *Electrochimica Acta*, for his contribution and the coordinating actions making this Special Issue possible.

Financial support from the International Society of Electrochemistry (ISE), the University of Bordeaux, the Institut National Polytechnique of Toulouse, and the Commissariat à l'Énergie Atomique et aux Énergies Alternatives (CEA) was also greatly appreciated.

We look forward to seeing you in Beijing, China in 2022 for the 12<sup>th</sup> EIS Symposium!



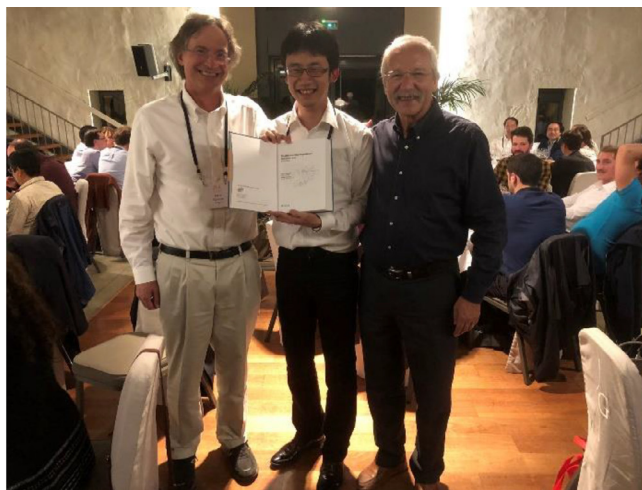
Group photo of the participants. The two Guest Editors, Nadine Pèbère (*second row, seventh position from left*), and Vincent Vivier (*first row, third position from right*) are identifiable.



Lively discussions during the poster session.



Coffee break.



(Left) Bernard Tribollet and Mark E. Orazem receive the first “Claude Gabrielli Award”. In the middle, Claude Gabrielli.  
(Right) Mark E. Orazem and Bernard Tribollet with Noriyuki Furukawa Lundin showing his “Best Poster Award”.

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