

# Recent Changes to *CORROSION*'s Editorial Board

*John R. Scully (Technical Editor in Chief) and Sammy Miles (Managing Editor in Chief)*

**C**ORROSION journal is excited to announce a few changes to our Editorial Board. Dr. Poorwa Gore and Dr. Oumaima Gharbi join *CORROSION* as new Associate Editors, while Dr. Sannakaisa Virtanen is stepping down from her role as Associate Editor to fulfill a prestigious position as Technical Editor of the Corrosion Science and Technology section of the *Journal of the Electrochemical Society (JES)*.

For over a decade, Dr. Virtanen has brought a wealth of expertise in electrochemistry and surface science, metallic materials, biomedical metallic materials, light metals, amorphous alloys, and high-temperature oxidation to *CORROSION*. A pioneer at *CORROSION*, she was the first female Associate Editor and the second to serve on *CORROSION*'s Editorial Board (the first was Dr. Ivy Parker, our inaugural Technical Editor in 1945).

Dr. Virtanen upholds high standards in peer review and produces high-quality research on corrosion of metallic materials in biological applications using multi-modal approaches. She championed the use of respirometric methods applied, for the first time, to magnesium corrosion furthering the knowledge of materials compatibility and degradation mechanisms in biological environments.

Recognized by a number of organizations for her contributions, Dr. Virtanen has received H.H. Uhlig Award from NACE International, the T.P. Hoar Award for the Best Paper in Corrosion Science, the 2015 Frans Habraken Best Paper Award in Applied Surface Science, and the 2016 Pfeil Award of the Institute of Materials, Mineralogy and Mining. She also chaired a Gordon Conference on Aqueous Corrosion and is also a Fellow of NACE (now AMPP) and The Electrochemical Society.

While we are saddened to see her leave *CORROSION*'s Editorial Board, Dr. Virtanen's contributions to the publication of corrosion research continue in her new role at *JES*. We wish her the best in this endeavor and express our gratitude for her many years of dedication and service to *CORROSION* journal, NACE, and AMPP.

We also welcome our two newest Associate Editors. Hailing from India and France, they bring a wealth of knowledge to *CORROSION*.

With a unique technical background in corrosion in extreme environments such as molten salts and supercritical environments to aqueous environments and materials from light alloys to superalloys, Dr. Gore joins *CORROSION* from Kanpur, India. She is currently the Director of aiCHEMY and previously worked as the Research Associate at the Interdisciplinary Centre for Energy Research, Indian Institute of Science Bangalore, where she was involved in the establishment of a facility for supercritical and ambient pressure steam oxidation for high-temperature superalloys. Dr. Gore has also worked on molten salt corrosion and aqueous corrosion of new Co-based superalloys and Ni-based superalloys.

Dr. Gore received a B.S. in metallurgical engineering from Govt. Eng. College Raipur (now the National Institute of Technology Raipur) in India, M.E. in materials engineering from the Indian Institute of Science Bangalore, and her Ph.D. through a joint program offered by the Indian Institute of Technology Bombay and Monash University. Her research interests include electrochemical corrosion of light alloys, high-temperature corrosion, materials reliability and degradation in clean energy technologies, localized corrosion of additively manufactured alloys, and structure and corrosion property correlation in materials.

Our second new Associate Editor, Dr. Gharbi, brings much experience in the expanding area of multi-modal as well as in situ methods brought to bear to understand corrosion mechanisms, while maintaining excellence in classical electrochemical methods particularly impedance-based approaches. She is currently a CNRS research scientist in the Laboratoire de Réactivité de Surface (LRS) at Sorbonne Université in Paris, France. Prior to her current role, Dr. Gharbi worked as an adjunct lecturer at Sorbonne Université in the Faculty of Chemistry and Laboratoire Interfaces et Systèmes Electrochimiques (LISE).

She received a Master in Materials Science from Paris-Sud XI Orsay University and a Ph.D. in Physical and Analytical Chemistry from the Université Pierre et Marie Curie. Dr. Gharbi was also a post-doctoral research fellow at Monash University.

Dr. Gharbi served as a chair for the 2022 Aqueous Corrosion Gordon Research Seminar. She was awarded the L'Oreal UNESCO for Women in Science Young Talent fellowship in France in 2019 and the Early Career Researcher Award at the 16th International Conference of Aluminum Alloys (ICAA16) in 2018. Her research interests include characterization of electrochemical mechanisms, quasi in situ measurements, determination of corrosion mechanisms using surface characterization, electrochemistry, analytical chemistry, corrosion, and materials science.

The addition of Dr. Gharbi and Dr. Gore to the Editorial Board will not only continue to ensure excellent technical articles are published, but also bring new ideas to the journal. Their impact and influence are fundamental to *CORROSION*'s goal of supporting emerging scientists from various regions of the world. Collaboration among the global research community is essential to advancing our knowledge about corrosion-related phenomena, which enables *CORROSION* and AMPP to help ensure a safer, protected, and sustainable world.

Join us in thanking Dr. Virtanen for her service to *CORROSION* and congratulating Dr. Gore and Dr. Gharbi on their new positions on *CORROSION*.