Dr. Joachim Hoffmann received his PHD in Organic Electrochemistry at the University of Hamburg 1989. In continuation of his academic career, he took over a postdoc position on the field of electroanalytic characterization of electron transfer kinetics at the Centre National de la Recherche Scientifique at the University of Rennes (France). In 1991 he started his industrial career and entered MBB (Messerschmitt-Boelkow-Blohm in Ottobrunn/Munich), at that time a subsidiary of the Daimler AG, where he was employed as a scientist for R&D on the Molten Carbonate Fuel Cell (MCFC). These activities were in close cooperation with Fuel Cell Energy (Danbury, CT). Later another subsidiary within the Daimler AG, the MTU-Friedrichshafen, took over the responsibility for these fuel cell activities.
During this time, he contributed to the development of the HotModule®, a 240 kW-MCFC unit for decentralized power generation, to electrolyte topics (publication in Handbook of Fuel Cells) and in an EU-funded R&D-project to the process engineering to enable the utilization of renewable fuels (from agricultural biogas and wastewater treatment processes and landfill gas). In 2006 Dr. Hoffmann left MTU Friedrichshafen and entered Siemens AG where he took over several activities in the development and engineering of the Solid Oxide Fuel Cells, which were coordinated from the former Siemens segment, Siemens SFC, in Pittsburgh (PA). There Dr. Hoffmann was a member of the managing board of Siemens SFC and heading three teams in Nuremberg and Erlangen, (1) design and engineering team for balance of plant layouts and supervision of operating units within the EU, (2) basic material and manufacturing process development for SOFC components and (3) marketing and sales organization for introduction of the SOFC power plants into the European market.
In 2009 after a management decision to shut down the SOFC activities he joined the PEM fuel cell team inside Siemens as Senior R&D-Manager. Initially he was coordinating the R&D-topics related to AIP (Air Independent Propulsion) applications and in 2012 he took over the Product Manager position at Siemens Marine. His responsibility includes almost all Siemens components which are installed onboard of submarines. Most recently Dr. Hoffmann became involved in the introduction of the fuel cell technology on board of surface vessels as part of Siemens Energy's maritime Power Solutions.

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