

Statement of interest to be elected as Division Chair for Division 7 "Physical Electrochemistry"

Dr. Katrin F. Domke, Max Planck Institute for Polymer Research, Mainz, Germany

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Dear Colleagues,

While I don't remember when I became an ISE member, I vividly recall my first Annual Meeting in Düsseldorf in 2002 – so much exciting science to discover, so much to learn, so many friendly people. This very first impression of the ISE still holds true for me to date, and, by running for the position of Division Chair, I wish to engage more actively in and serve the scientific community that has been supporting and fostering me for many years.

As a Division Vice Chair during the past 1.5 years, I have already had the chance to support the Division office in its decisions on financial support for meetings, award nominations and conference/symposia organization, gaining valuable insight in how the ISE and its Divisions operate. I particularly enjoy the inclusive and supportive interactions that seem to be characteristic for the Physical Electrochemistry Division. All its members, independent of specific expertise, gender, age, background etc., are encouraged by the team of Chairs to actively participate in shaping the various Division actions, both in content and in format, for example, to propose and chair symposia or Topical Meetings or to bring forward strategic ideas on the development of the ISE. As Division Chair, I would aim to continue to live this connecting and proactive approach, which is in fact the same philosophy I (try my very best to) employ leading my research group or international research consortia. In addition to the inter-personal duty of serving as a connecting link between members and ISE, I daresay that I would also enjoy the organizational part of the office as, in my daily routine, I never mind to manage workflow, keep to schedules and report on actions. Furthermore, working at a non-university research institute, I have the luxury of still finding sufficient work hours to dedicate to committee work.

One aspect regarding the development of Division 7 in particular and the ISE in general that is particularly important to me is the enhancement of cross-disciplinary interactions. Unarguably, the field of physical electrochemistry is tightly interwoven with other scientific disciplines, like physics, biology, engineering and beyond. The Division (and the ISE) could, and, in my opinion, should, improve its potential to serve as an interaction platform also with non-electrochemists to jointly discuss and tackle huge scientific challenges, for example, regarding energy and environment. Also in view of training

the next generation electrochemists, fostering cross-disciplinary networks to address pressing research questions seems to be of utmost importance. As such I would hope to further encourage and strengthen cross-disciplinary interactions as Division Chair, both, among the ISE Divisions and with other related research communities through joint meetings, research networks and memberships.

To conclude, I am highly motivated to serve you and the ISE as Chair of Division 7 with my time, energy and passion for science and to the best of my abilities continue the excellent work of the present and past Chairs and their teams.

With kind regards, Katrin Domke

Brief CV

- Personal info** I was born in November 1977 in Bonn, Germany, am a mother of two daughters (*2010, *2011), and when I don't engage with my girls or my research group, I dance Tango Argentino (it's all about the inseparable entanglement between leading and following) or cook & eat (mens sana in corpore sano).
- Current position** Since 2012, I have been heading the "Electrochemical Surface Science" independent research group, funded by the Emmy Noether Program of the DFG and the "Plus 3" Program of the Boehringer Ingelheim Foundation at the Max Planck Institute for Polymer Research in Mainz, Germany.
- Research aim** My group aims to obtain atomistic insights into (bio)physical molecular systems under realistic conditions by developing and employing space- and time-resolved nearfield and nonlinear operando spectro-microscopies to facilitate the rational engineering of electro-active components in chemical and energy conversion devices. Follow this [link](#) to our webpage for details on current activities.
- Giants' shoulders** I have been trained in the fundamentals of physical electrochemistry and surface science, in scientific thinking, and, maybe most importantly, in the significance of friendly, constructive and supportive interaction with and participation in the (electrochemistry) research community in the groups of Helmut Baltruschat, Juan M. Feliu, Bruno Pettinger, Gerhard Ertl and Mischa Bonn.
- Professional engagement** Vice Chair of Division 7 of ISE since 11/2018; Coordinator of EU ITN "Female investigators in nonlinear optical nanoscopy; Junior Faculty of Max Planck Graduate Center; Mentor for Minerva FemmeNet; Selected Member of the Elisabeth Schiemann Kolleg of the Max Planck Society; Organiser of Electrochemical Surface Science symposia, e.g. at Heraeus Foundation, German Physical Society Annual Meetings, ISE meetings.