

Bio:

Prof. Mikhail Zheludkevich, 44, is currently Head of Department of Corrosion and Surface Technology at Helmholtz-Zentrum Geesthacht (HZG) and Professor in Electrochemistry at University of Kiel, Germany. He is also Visiting Professor at Northeastern University, China.

In 1998 he graduated with distinction from the Belarusian State University and in 2002 defended his PhD degree in Physical Chemistry at the same University. For 11 years, he was post-doc and then a group leader at University of Aveiro, Portugal, before joining HZG in 2014.

Mikhail Zheludkevich is an active member of ISE and Division 4 specifically, serving as organiser of Corrosion and corrosion protection Symposium at 72nd ISE Annual Meeting (Jeju, South Korea). He has also organized or co-organized above 10 symposia and conferences and served in numerous scientific boards.

Main scientific interests of Prof. Zheludkevich include corrosion, surface engineering, and primary batteries. Prof. Zheludkevich has published over 250 papers in the respective fields. His research works are well recognised by the community as indicated by achieved H-index – 52 (Scopus 2020). His scientific achievements were recognised via Prize of Portuguese Electrochemical Society for Young Researcher in 2010 and Tajima price awarded by the International Society of Electrochemistry in 2016.

Personal statement:

I am honoured by the invitation to stand for the election of Division 4 Chair. Serving the electrochemistry community and specifically the colleagues active in the area of Electrochemical Materials Science will be a big credit but also an important responsibility for me in the case of selection.

My goal is to further reinforce synergistic collaborative links with other divisions and promote joint symposia dedicated to cut edge interdisciplinary topics. Another essential aim is reinforcing the symposia organised under main responsibility of Division 4, especially those in the areas of corrosion and surface technologies. The strategy is to increase visibility by inviting the top level speakers not only from academia but also from industry in order to keep a clear track towards future industrial applications. Promoting involvement of younger ISE members not only in the symposia organised by the Division 4 but also in the discussions of the Division is another key point. The best poster award and the best young speaker award can be one of the way towards this goal.

The main objective is keeping and even reinforcing role of Division 4 as a communication and discussion platform for the electrochemical materials science community.