

Bio:

Prof. Mikhail Zheludkevich, 48, is Director of the Institute of Surface Science at Helmholtz-Zentrum Hereon, Germany. Additionally, he holds a full professorship at the University of Kiel. His research interests revolve around electrochemistry, multi-functional surfaces, the active protection of lightweight materials and multi-material systems, and aqueous batteries.

In 2002, Prof. Zheludkevich earned his PhD in Physical Chemistry from the Belarusian State University, specializing in the interaction of atomic gases with metallic surfaces. Following a decade of diverse roles at the University of Aveiro, ranging from post-doctoral researcher to group leader, he joined Helmholtz Zentrum Geesthacht as the head of the Corrosion and Surface Technology Department. In 2021, he established the Institute of Surface Science, a position he continues to lead.

Mikhail Zheludkevich is an active member of ISE and Division 4 specifically and served as vice-chair of this division during 2021-2022 period and co-organised several symposia at ISE annual meetings.

Prof. Zheludkevich's contributions have garnered recognition (H-index - 85), including the Tajima Prize from the International Society of Electrochemistry in 2016, the distinction of Person of the Year 2023 by the International Mg Society, and Cavallaro Medal 2024 from European Federation of Corrosion. Furthermore, he serves as the chairman of the Aerospace Working Party in the same federation.

Personal statement:

I am deeply honored by the invitation to stand for the election of Division 4 Chair. Serving the electrochemistry community, particularly my colleagues in Electrochemical Materials Science, would be a significant honor and responsibility if selected.

My primary goal is to strengthen collaborative links with other divisions and promote joint symposia on cutting-edge interdisciplinary topics. Additionally, I aim to enhance the symposia organized by Division 4, especially in the areas of corrosion and surface technologies. To increase visibility, I plan to invite top-level speakers from both academia and industry, ensuring a clear path towards future industrial applications.

Another key objective is to encourage the involvement of younger ISE members in Division 4's symposia and discussions. Initiatives like the best poster award and the best young speaker award can help achieve this goal. Moreover, I would like to promote initiative to have one vice-chair in Division for being a young researcher with additional mission to promote visibility of the division through professional social medial like LinkedIn.

Ultimately, my main objective is to maintain and even strengthen Division 4's role as a platform for communication and discussion within the electrochemical materials science community.