



Robert Kostecki, PhD

Energy Storage and Distributed Resources Division
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Education and Training:

1994 Ph.D., Chemical Sciences, University of Geneva, Switzerland
1985 M.Sc., Solid State Technology, Warsaw Technical University, Poland
1982 B.S., Chemical Engineering, Warsaw Technical University, Poland

Current Work Responsibilities:

Robert Kostecki is Deputy Director of the Energy Storage and Distributed Resources Division in Lawrence Berkeley National Laboratory. He contributes to LBNL scientific, programmatic and strategic leadership in the area of Energy Technology, guides the formulation, development and implementation of research programs, represents the Division's scientific programs to DOE program managers and other stakeholders, and builds relationships with other laboratories, the university community and international collaborators.

He also serves as a Senior Scientist and Principal Investigator in the Electrochemistry Group in the Energy Storage and Distributed Resources Division. He oversees multiple research projects focused on basic processes and fundamental phenomena that determine electrochemical performance of electrical energy storage/conversion systems and water treatment technologies. Kostecki is often recognized for his pioneering work in characterization of electrochemical interfaces and electrochemical systems engineering, which helped bridge the gap between fundamental science and applications of significant technological importance e.g., rechargeable batteries, fuel cells, photo-electrochemical reactors and desalination techniques.

Publications:

Author of >100 papers in scientific refereed journals, 15 papers in scientific conference proceedings, >230 presentations at scientific and technical conferences and 17 patents.

Awards and Honors:

- 2016 Research Award of the International Battery Association
- 2015 Fellow of the Electrochemical Society
- 2012 Prince Sultan Bin Abdulaziz International Prize for Water
- 2008 US Environmental Protection Agency P3 Award
- 2003 NATO - CARWC Award
- 2002 Advanced Technology Program Award for the best individual achievement
- 2002 Advanced Technology Program Award for the best scientific paper
- 2000 LBNL Outstanding Performance Award

Professional Service:

- Member of the Electrochemical Society, International Society of Electrochemistry, Materials Research Society, International Advisory Board of the Journal of Electrochemical Science and Technology and the American Chemical Society.
- Past-Chair of the Electrochemical Energy Conversion and Storage Division of the International Society of Electrochemistry.
- Past-Chair of the Battery Division of the Electrochemical Society
- Editor of *Electrochimica Acta*

Statement of the candidate

Electrochemistry continues to expand and integrate science and technology challenges across several areas of chemistry, physics, biology and engineering. Electrochemistry is leading a global transition to a more sustainable and eco-friendly economy in multitude of applications, ranging from energy technology to medical sciences. I am fully committed to support the Society mission of advancing electrochemical science and technology worldwide in the public interest, and to assist our community as the advocate, educator, and facilitator of professional development in all ISE areas of interest.

I would like to foster scientific discovery and innovation in electrochemical science and technology (S&T) via close cooperation between ISE Divisions, external organizations and industry. I care about building strong training and educational programs and provide inspiration and resources to our early-career members and communities that we serve. My goal is to create a continuous-learning culture, which is open to new areas of S&T and encourages, supports, and celebrates experiences and achievements of our members, volunteers, sponsors and collaborators.