

Bipolar electrochemistry - general introduction and applications

15 h, first lecture on November 15, 2022

Dr. Bhavana Gupta

Institute of Physical Chemistry PAS

Phone: 573927339, email: bgupta@ichf.edu.pl

1. General introduction to bipolar electrochemistry
2. Bipolar electrochemistry to create motion
3. Experimental demonstration of motion through bipolar electrochemistry
 - a. Materials preparation
 - b. Motion in the material
4. Bipolar electrochemistry for sensing
5. Experimental demonstration of sensing through bipolar electrochemistry
6. Bipolar electrochemistry for materials modification to achieve advanced functionality
7. Bipolar electrochemistry for other applications.

Please register via email (bgupta@ichf.edu.pl) one week before the start of the course.