

CV – ELENA FERAPONTOVA

PROFESSIONAL EMPLOYMENT:

- 01.02.2011 –Assoc. Prof., Head of the Electrochemical Biosensors and Bioelectrocatalysis Group, Interdisciplinary Nanoscience Centre (iNANO), Aarhus University (AU), Denmark.
- 2012-: Associate Editor, *Electrochimica Acta*, Elsevier (IF 6.22)
- 2009 – 2011: Res. Assoc. Prof. by the Carlsberg Foundation, AU, Denmark
- 1999 – 2009: Postdoctoral Research Fellow at Moscow State University, Russia; University of Alcalá, Madrid, Spain; Lund University, Sweden; University of Edinburgh, UK; and AU.

EDUCATION:

- 1998 Ph.D. in Electrochemistry (Kinetics and Catalysis), Moscow State University. PhD thesis: “Kinetics of anion reduction at mercury electrodes: effect of solution composition”. Supervisor: Prof. Dr. Sc. Nina Fedorovich.
- 1989 M.Sc. in Chemistry (honour diploma), Moscow State University. Diploma thesis “Electrochemical study of phase equilibria in intermetallic $\text{YNi}_3 | \text{H}_2$ and $\text{YNi}_{3-x}\text{A}_x | \text{H}_2$ storage systems”. Supervisor: Prof. Dr. Sc. Oleg Petrii

SOCIETAL DUTIES:

- 2017-2022: Chair, Chair Elect and Past (2011-2014: Vice-Chair) of Bioelectrochemistry Division 2
- 2016-2018: Committee member of the “Working Party for Gender Diversity of the ISE”
- 2013-2020: member/chair of the panel of the Oronzio and Niccolò De Nora Foundation Young Author Prize; the Katsumi Niki Prize for Bioelectrochemistry; the Bioelectrochemistry prize of ISE
- Organization of symposia at annual ISE meetings: Prague 2012; Mexico 2013; Taipei 2015, the Hague 2016; Durban 2019; Belgrade 2020; Jeju 2021.
- 2009-: Member of the International Society of Electrochemistry (ISE)

RESEARCH INTERESTS: Electrochemical medical diagnostic devices; environmental monitoring; Electron transport in nucleic acids and proteins; its application in biosensor and bioelectronic devices, (Bio-)photoelectrocatalysis for sustainable energy production.

PUBLICATION RECORD: 123 refereed journal papers; 2 book chapters; 4 patent applications filed, one patent granted. Google Scholar H-index: 36, i10-index: 88; citations > 4500.