

Elzbieta Frackowiak

Date of birth: November 17th, 1950 - Poland

Affiliation and address:

*Institute of Chemistry and Technical Electrochemistry, Poznan University of Technology
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Education:

1972 Master's degree in Electrochemistry, University of Adam Mickiewicz, Poznan
1988 PhD thesis in Electrochemistry, Poznan University of Technology, Poznan
2000 Habilitation in Chemical Technology, Poznan University of Technology

Employment:

1973-1978 Academy of Mining and Metallurgy, Cracow - researcher
1979-2002 Institute of Chemistry and Applied Electrochemistry,
Poznan University of Technology - researcher, associated professor
2003-present Institute of Chemistry and Technical Electrochemistry,
Poznan University of Technology - professor

Research areas:

Storage/Conversion of Energy

- Supercapacitors
- Intercalation and insertion processes
- Electrode materials for primary and secondary cells
- Composites from conducting polymers and metal oxides for electrochemical applications
- Electrodes from doped carbons (nitrogenated, oxygenated, boronated etc.)
- Electrochemical hydrogen storage
- Carbon nanotubes and nanofibers in electrochemistry
- Lithium-ion batteries
- Fuel cells, catalysis
- Ionic liquids as novel electrolyte

General responsibilities:

- Member of the Advisory Board of the International Conferences on Intercalation Compounds- ISIC (1996-2008), CESEP (2005-2008), CARBON (2009); Organizer of ISIC12 in Poznan (2003)
- Chair Elect of Division 3 (Electrochemical Energy Conversion and Storage) of International Society of Electrochemistry
- Coordinator of NATO Science for Peace Programme (SfP 973849) from Polish side (2000-2005)
- Coordinator of Polish-French programme POLONIUM (1998, 2001, 2002, 2005, 2006)
- Coordinator of Polish-Spanish cooperation (2004, 2005)
- Participant in European Cooperation in the field of Scientific and Technical Research, COST 542
- Member of the Advisory Board of Journal "Energy & Environmental Science" RSC Publishing (2008)

Author: publications - 150, chapters - 12, patents - 6, conference communications - 450

Citations: 2300

Research stays: **DAAD - Duisburg, Germany (1991); visiting prof. - Orléans, France (1993-2001)**