

Speaker of Session 03

HYDROGEN GENERATION AND STORAGE



Iwona Flis-Kabulska (D.Sc.) is employed in the Department of Electrochemistry, Corrosion and Applied Surface Science in the Institute of Physical Chemistry of the Polish Academy of Sciences in Warsaw, Poland. Her present scientific interests are focused on hydrogen formation by water electrolysis. Particular attention is paid to the changes of cathodes surface during voltammetric cycling and under the influence of cathodically formed hydrogen.

In co-operation with Polish and European Institutions Dr Flis-Kabulska performed also the works on: the influence of the structure of Fe surface on the formation of corrosion products (with AGH University of Science and Technology in Krakow,

and Institute of Catalysis and Surface Chemistry of the Polish Academy of Sciences in Krakow, Poland), electrochemical methods for formation of alternating thin films of non-magnetic and ferromagnetic materials (Institut für Festkörper- und Werkstoffforschung, Dresden, Germany), studying of systems containing selected components of food in terms of thermodynamic and structural changes occurring upon heating (Laboratoire de Thermodynamique des Solutions et des Polymeres, Université Blaise Pascal, Clermont-Ferrand, France).

Dr Flis-Kabulska participated in the EC projects in co-operation with few European institutions (Institut für Physikalische und Theoretische Chemie, Rheinische Friedrich-Wilhelms-Universität Bonn, Germany, Physikalisches Institut, Westfallische Wilhelms-Universität, Münster, Germany, and DeMontford University, Leicester, UK).

Dr Flis-Kabulska is also an Associate Professor at the Faculty of Mathematics and Natural Sciences in the Cardinal Stefan Wyszynski University in Warsaw, Poland.