

Foreword to the following eight papers

At the 1987 annual ISE meeting in Maastricht, Netherlands, a meeting was organized on behalf of the Working Party on Electrochemical Engineering of the EFChE on "Materials Problems and Materials Sciences in Electrochemical Engineering Practice".

The meeting was divided into four sections:

- (1) Chloralkali Electrolysis and Organic Electro-synthesis
- (2) Electrodeposition Processes for Metal Electro-winning from Aqueous Electrolytes and Associated Material Problems.
- (3) Membranes, Diaphragms and Separators for Electrolysers, Fuel Cells and Batteries.
- (4) Materials for High Temperature Electrolysis Processes.

A total of 15 papers were presented. The aim of the organizers was to establish a meeting for electrochemical engineers working in the different branches of industrial electrochemistry in order to exchange knowledge, experience and ideas originating from

working on electrochemical processes of widely different character such as, chloralkali electrolysis, metal winning from strongly acidic solutions and high temperature molten salt processes.

Although the respective materials problems in these different fields are very different, it was felt that basic ideas for solving these problems should none the less be similar, justifying a joint symposium including the above topics. The organizers were pleased to find that electrochemists and electrochemical engineers both from industry and the universities attended the meeting in good numbers and they are indebted to the authors of selected papers who agreed to prepare manuscripts for publication in *J. Appl. Electrochemistry*. They are also indebted to the editor of this journal for publishing these papers together.

E. Barendrecht
Eindhoven

H. Wendt
Darmstadt