

Preface

With the last UECT (Ulm Electro-Chemical Talks) on Electrochemical Energy Storage and Conversion, which were held on 27 and 28 June 2006 in Neu-Ulm (Germany) and which attracted more than 200 scientists from 18 countries, we have reached the 10th anniversary of this conference, which were jointly organized by the Center for Solar Energy and Hydrogen Research in Ulm (ZSW), the Daimler Research Center in Ulm, and the University of Ulm.

The 1st UECT were started in 1993 as an electrochemical workshop to discuss questions of the future of the applied electrochemistry. In the following year's aspects of the charge storage in the double layer (2nd UECT), electrochemical engineering (3rd UECT), electrochemistry for energy and environment (4th UECT), and electrolytic metal deposition (5th UECT) were in the focus of the workshops.

With the 6th UECT in 1998 the organizers have changed the concept of this event from a German workshop about different electrochemical topics to an international conference with the focus on electrochemical energy storage and energy conversion. The conference is scheduled every 2 years and lasts for 2 days. There are no parallel sessions; all contributions are made in English. Most of the lectures are invited lectures. However, there will be the opportunity for contributed papers in the form of posters or oral presentations.

Within the scope of electrochemical energy conversion and storage, most recent and urgent problems are highlighted by scientists and industrial people. These special topics were e.g. aging processes, lifetime, temperature limits or dynamics of electrochemical power sources. In the center of the 10th UECT were liability, durability and cost reduction.

Since the 6th UECT nearly all lectures and selected posters are contained in a special issue of the *Journal of Power Sources*, which open a good possibilities for the speakers to reach many interested reader of the whole world, by the way with a very high citation index.

With the 10th UECT also an *Award of Excellence* were established to honor outstanding contributions to the development of batteries and fuel cells.

The 11th UECT will take place on 11th–12th, June 2008. The special topic of that conference will be Performance-Safety – Quality on Batteries, Supercaps and Fuel Cells. A tutorial about Li batteries and PEMFC on 10th June 2008 will provide a detailed insight into the technologies and will also give an overview on the global R&D in each of the technologies.

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