

Recent Developments in SOFCs and SOECs:
An Overview of SOFC-XIII Symposium

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The 13th International Symposium on Solid Oxide Fuel Cells (SOFC-XIII) was held in Okinawa, Japan from October 6 to 11, 2013. The aim of this symposium was to provide an international forum for the presentation and discussion of the latest developments on solid oxide fuel cells (SOFCs) and solid oxide electrolysis cells (SOECs). Researchers from 32 countries made over 465 oral and poster presentations at the Symposium, making this the largest symposium in the SOFC symposia series held over 25 years.

In this presentation, an overview of the SOFC-XIII symposium will be given summarizing the latest developments in SOFCs and SOECs, including materials for cell components, cell designs, and electrochemical performance. In addition, trends and future strategy for research, development, and commercialization of SOFCs and SOECs will be discussed.