



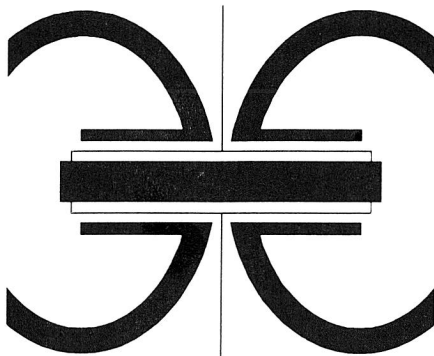
First
**EUROPEAN
SOLID OXIDE FUEL CELL
FORUM**

**3 - 7 October 1994
Lucerne / Switzerland**

PROCEEDINGS

Edited by
Ulf Bossel

VOLUME 2



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SOLID OXIDE FUEL CELL
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endorsed by
**European Fuel Cell Group, Ltd.
IEA Advanced Fuel Cell Programme**

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Volume 2**

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1st EUROPEAN SOLID OXIDE FUEL CELL FORUM
3 - 7 October 1994, Lucerne - Switzerland
Edited by Ulf Bossel

Volume 2

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Preface

These proceedings includes all papers presented at the First EUROPEAN SOLID OXIDE FUEL CELL FORUM which was held from September 3 to 7 at Lucerne, Switzerland.

Over the past five years the technology of solid oxide fuel cells has become one of the key innovative areas in Europe. Private initiatives, R&D programmes of state governments and the European Union and academic activities have created a broad base for a fuel cell which is optimally suited for natural gas applications. By this joint effort the technology of solid oxide fuel cells has matured in a short time to the point where practical aspects can be discussed.

Therefore, the 1st EUROPEAN SOLID OXIDE FUEL CELL FORUM was conceived to attract engineers, business people and utility representatives for the transfer of know-how from the laboratories to production lines. It was designed to intensify the dialogue between science, engineering, manufacturing, hardware developers, entrepreneurs and potential users. The event itself has confirmed these goals. The 1st EUROPEAN SOLID OXIDE FUEL CELL FORUM has indeed been a lively exchange between science and the real energy world.

As organiser and editor I want to thank authors for their contributions, chairpersons for their guidance, exhibitors for their pioneering courage, private sponsors and the International Science Foundation for providing funds for travel grants and student tickets. In particular, I would like to thank the Swiss Association of Gas Industry and the Swiss Federal Office of Energy for their welcomed grants.

Also, my thanks go to the European Fuel Cell Group Ltd. and the International Energy Agency Advanced Fuel Cell Activity for endorsing the event.

Last but not least, I wish to thank the Programme Committee for structuring the most attractive programme of this 1st EUROPEAN SOLID OXIDE FUEL CELL FORUM.

This is the first of a conference series to be continued in the summer of every even second year at an attractive European location. The next meeting in 1996 will be better organised than this first one. May I kindly apologise for all shortcomings of this first event.

Dr. Ulf Bossel
Baden / Switzerland - September 1994



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