

*Full Council Member*

Fields of Expertise:

Solar Energy Systems, Defect Engineering in Silicon Solar Cells with high metal content,  
Solar cells from organic materials

**Prof. Dr. Eicke R. Weber**

Director

Fraunhofer Institute for Solar Energy Systems (ISE)



Date of Birth: October 28, 1949

**Professional Experience**

2006 – 2016	Director of the Fraunhofer Institute for Solar Energy Systems (ISE), Freiburg and Professor for Physics and Solar Energy at the Faculty of Mathematics and Physics and at the Faculty of Engineering at the Albert-Ludwigs-University Freiburg, Germany
1983 – 2006	Professor in the Department of Materials Science and Engineering, University of Berkeley, California
1983	Habilitation in Physics at the University of Cologne
1976	PhD in Physics at the University of Cologne

**Special Assignments**

2010 – present	Member of acatech – the German Academy of Science and Engineering, Berlin
2008 – 2013	Director, SEMI International Board of Directors
2004 – 2006	Chair of the interdisciplinary Nanoscale Science and Engineering Graduate Group, University of Berkeley, California

## **About Fraunhofer Institute for Solar Energy Systems ISE**

Founded in Freiburg, Germany, in 1981, the Fraunhofer Institute for Solar Energy Systems ISE is the largest solar energy research institute in Europe, with a staff of approx. 1100. It creates technological foundations for supplying energy efficiently and on an environmentally sound basis in industrialized, threshold and developing countries. With its research focusing on energy conversion, energy efficiency, energy distribution and energy storage, it contributes to broad application of new technology. In 2015 the Institute's budget (including investments) totalled 83.7 million euros. Together with clients and partners from industry, politics and society in general, Fraunhofer ISE develops technical solutions that can be implemented in practice. It investigates and develops materials, components, systems and processes in five business areas. In addition, Fraunhofer ISE also offers testing and certification procedures.

Fraunhofer ISE conducts application-oriented research and development for key technologies of the future. To this purpose, the Institute addresses a wide range of subjects and pursues a holistic, systemic approach. This maximizes synergy between its five business areas:

- Photovoltaics
- Solar Thermal Technology
- Building Energy Technology
- Hydrogen Technologies
- Energy System Technology