

Stefan W. Glunz

Professor Glunz is Head of Department Group Silicon Solar Cells – Development and Characterization Group of the Fraunhofer ISE since January 2007. His group concentrates on new technologies such as metallization and laser-chemical processing techniques allowing for further progress in silicon solar cell production and research.

Stefan Glunz received his Diploma Thesis in Physics at the Albert-Ludwigs-Universität in Freiburg 1991 and in 1995 he received his PhD Thesis on Silicon Solar Cells after four year 's work in research at the Fraunhofer ISE.

Among other achievements his group holds the internationally acknowledged world record for the conversion efficiency of multtocrystalline silicon solar cells (20%). Furthermore a most crucial part of his work is the close cooperation operated with PV industry to transfer new technologies into production.

Stefan Glunz's high-efficiency solar cells group consists of about 25 persons containing technicians, engineers and academics. The main part of the academic work and new technological developments has been performed within PhD and diploma theses as the education of young scientists is one of the major goals of his group.

Prof. Glunz is author and co-author of more than 130 conferences and 40 journal publications on high-efficiency silicon solar cells. He is also referee for several high standard scientific journals as the journal of Applied Physics, Progress in Photovoltaics, Solar Energy Materials and Solar Cells and many others and is member of scientific committees and Chairman on numerous international Photovoltaic conferences.