

European Becquerel Prize for Outstanding Merits in Photovoltaics

To mark the 150th anniversary of Alexandre-Edmond Becquerel's discovery of the photovoltaic effect in 1839, the European Commission founded in 1989 the European Becquerel Prize for outstanding contributions to the development of Photovoltaic Solar Energy. It is awarded for the seventeenth time in 2009 on the occasion of the 24th European Photovoltaic Solar Energy Conference in Hamburg. The Prize winner was selected by the Becquerel Prize Committee.

Dr. Andreas W. Bett

is the seventeenth Becquerel Prize winner. He receives the Becquerel Award for his pioneering work on monolithic multijunction solar cells leading to a world record efficiency of 41,1%. He introduced the lattice mismatched growth technique that is a key to record efficiencies. He further developed characterisation techniques and simulation tools for concentrator multijunction solar cells. In his laboratory he researched and achieved significant advances in concentrator modules and systems including long term stability. The FLATCON concept was developed and successfully introduced into production.

Dr. Bett is not only a pioneer in research and development of III-V multijunction solar cells but he also earned great merits for the industrialisation of Concentrating Photovoltaic technology. He is a cofounder of Concentrix Solar which is today one of the leading companies in this market sector.

With this Prize, the European Photovoltaic Community at its gathering in Hamburg, Germany expresses its recognition to Dr. Andreas Bett for his extraordinary achievements in the field of PV Solar Electricity.

Signature

*Dr. Wolfgang Palz
WCRE- World Council for Renewable Energy*

Signature

*Prof. Adolf Goetzberger
Chairman of the Becquerel Prize Committee*

Signature

*Prof. Wim Sinke
Conference General Chairman*