E-MRS 2009 Spring Meeting

June 8 - 12, 2009
Congress Center, Strasbourg, France

The E-MRS 2009 Spring Meeting features 19 technical symposia, an exhibit, a plenary session with talks by outstanding researchers, a social event, and much more.


Photovoltaic Technologies – a European Strength: Challenges for Materials Research

Direct generation of electricity from solar photons into electricity is merging to a major industry, with very fast market increases. Both the performance and costs are largely depending on the materials properties.

This half-day workshop will offer an opportunity on one side to the researchers in the field to get a better knowledge of the needs as expressed by industry and also to industries to get better information on the research & development activities.

The panellists will consist of Executives from Industry, R&D institutions and Academic Research. The audience will be invited to participate actively to the discussions.

The moderator will be Prof. H. Richter (E-MRS)

Introductive remarks for the panel discussion by the following speakers (each with 20 minutes):

- “States for the photovoltaics worldwide – Production and market”
  Dr. Arnulf Jaeger-Waldau, Renewable Energy, European Commission, DG JRC, Institute for Energy, Ispra

- “Material aspects for efficient PV products: From metallurgical up to monocrystalline silicon”
  Dr. Rolf Merker, MD, pik-service gmbh, Grafing near Munich

- “Robust manufacturing for high cell and module efficiency based on crystalline silicon”
  Dr. Karl Heinz Küsters, Head of Technology, Conergy SolarModule GmbH & Co. KG, Frankfurt (Oder)

- “High volume production of thin-film solar cells”
  Dr. David Eaglesham, VP Technology, First Solar, Inc., Tempe, Arizona

- “Improved Process Control and Standardization in photovoltaics”
  Prof. Werner Bergholz, Jacobs University, Bremen

- “Road map for thin-film photovoltaics”
  Dr. Immo Kötschau, CTO Thin-film Division, centrotherm photovoltaics AG, Blaubeuren

Workshop organizer:
Hans RICHTER  E-Mail: richter@ihp-microelectronics.com
Gesellschaft zur Förderung von Wissenschaft und Wirtschaft - GFWW - e. V.
Im Technologiepark 1
15236 Frankfurt (Oder) Germany  E-Mail: gs@gfww.de