

## Symposium IV. Invited Speaker



**Dr. Jozef Poortmans**

### **Director of IMEC, Belgium**

Dr. Jozef Poortmans received his degree in electronic engineering from the Katholieke Universiteit of Leuven, Belgium, in 1985. He joined the newly build Interuniversity Micro-electronic Centre (IMEC) in Leuven where he worked on laser recrystallization of polysilicon and a-Si for SOI-applications and thin-film transistors. In 1988 he started his Ph. D study on strained SiGe-layers. Both the deposition and the use of these SiGe-alloys within the base of a heterojunction bipolar transistor were investigated in the frame of this study. He received his Ph. D. degree in June 1993. Afterwards he joined the photovoltaics group, where he became responsible for the group Advanced Solar Cells. Within this frame he started up the activity about thin-film crystalline Si solar cells at IMEC and he has been coordinating several European Projects in this domain during the 4th and 5th European Framework Program. In 2003, he became cluster coordinator of European Projects in the latter domain. In 1998 he initiated the activity on organic solar cells at IMEC which was complemented with an activity on III-V solar cells started in 2000. At the moment he is Program Director of the Strategic Programme SOLAR+ at IMEC and Director of the Department "Solar and Organic Technologies". This Program comprises all the photovoltaic technology development activities within IMEC.

Dr. Poortmans has authored or co-authored nearly 400 papers that have been published in Conference Proceedings and technical journals. He has written 4 book articles, two of which are dealing with the properties and applications of strained SiGe-alloys whereas the other two are in the field of photovoltaics. He is Scientific Editor of a Book on thin-film solar cells and has been acting as co-organizer of several thin-film solar cell symposia in the frame of the E-MRS. As a Board Member of EUREC agency he became involved in the preparation of the Strategic Research Agenda for Photovoltaic Solar Energy Technology of the European PV Technology Platform. He was General Chairman of the 21st European Photovoltaic Solar Energy Conference & Exhibition.

Since 2008 he is also part-time Professor at the K.U.Leuven.