

Preface of EML PVSEC-25 Special Issue

It was our great pleasure to host the 25th International Photovoltaic Science and Engineering Conference (PVSEC-25) at Busan Exhibition and Convention Center (BEXCO) in Korea from Nov. 15 to 20, 2015. The PVSEC is one of the three largest international photovoltaics conferences along with EUPVSEC and PVSC. In the PVSEC history, the PVSEC-25 was the third PVSEC held in Korea. Previously, PVSEC-12 and PVSEC-19 were held in Jeju in 2001 and 2009, respectively. Considering the long intervals (six years or more) between PVSECs hosted in Korea, the PVSEC-25 was a big opportunity to promote photovoltaics activities in Korea.

We are all aware that photovoltaics is the most promising energy technology that is truly renewable, sustainable, and environment friendly for clean earth and healthy human life. The PVSEC-25 provided an opportunity where better scientific understandings of various photovoltaics technologies were achieved and many advanced technologies were demonstrated through active interactions among conference participants.

680 papers from 22 countries were presented during the five conference days and 40% of them were from abroad, indicating that the PVSEC-25 was truly an international conference. The details of the abstract titles and time schedule were recorded in the January issue of *Current Photovoltaic Research* in 2016. For the celebration and memory of the Conference, the Conference organizers have decided to publish a special issue in the *Electronic Materials Letters (EML)* with a limited number of selected papers. Many other manuscripts based on papers presented in the PVSEC-25 were also submitted to *IEEE Photovoltaics* and *Current Applied Physics* as regular papers.

This EML PVSEC-25 Special Issue covers important scientific and technical advances in solar materials (crystalline Si, thin-film Si, CIGS, GaAs, organic, hybrid perovskite) and their devices. This issue selected 20 papers, consisting of eight papers from Korea, two from collaborations between Korea and Japan, and nine from abroad. We believe this special issue will make valuable contributions to the community of Applied Physics, Materials Science, and especially to the Photovoltaic Community.

We would like to express a sincere appreciation to all authors who submitted valuable papers to this EML PVSEC-25 Special Issue.

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