

Preface

Surface Analysis as a Key Metrology for Advanced Industries

On behalf of all committee members of PSA-16, it is a great pleasure to write this preface to the proceedings of the PSA-16 (7th International Symposium on Practical Surface Analysis), which was held in Daejeon, Korea, in October, 2016. A total of 121 papers including 72 poster presentations were presented by the participants from 12 countries, which will be useful and helpful for the scientific studies and industrial applications.

PSA symposium is a representative international symposium on surface analysis which is held in conjunction with the ISO/TC-201 meeting in Asia. Japan and Korea discussed the need of international scientific symposium on surface analysis in Asian area and decided to start the first PSA symposium in 1998 in Matsue of Japan. Since then, PSA symposiums have been held in Nara (2001), Jeju (2004), Kanazawa (2007), Gyeongju (2010), Okinawa (2013) and Daejeon (2016).

Surface analysis has become a very important metrology for the development of advanced devices such as semiconductors, displays and light emitting diodes. And it is also important for the next generation energy devices and the healthy life of human beings. PSA symposium is so special because it is focused on the practical applications of surface analysis methods for the advanced technologies. The whole fields of surface analysis, such as, basic science, standardization, instrumentation and applications are well balanced. And the participants from industries, academia and research institutes are also well balanced. PSA symposium will play an important role in the progress of advanced industries and encourage a successive technological progress and support for research cooperation among the experts working in the surface analysis field.

The next symposium, the 8th PSA Conference (PSA-19) is scheduled to be held in Sapporo, Hokkaido in November, 2019. I would like to invite all of you to join us at this landmark event, and I look forward to seeing everyone again in Japan.

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