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### Introduction

We had the great honor of organizing the International Conference on Frontiers in Optical Imaging Technology and Applications, the International Symposium on Terahertz Technology and Applications, and the International Symposium on Surface Topography and Optical Microscopy. It was truly a great pleasure for us to greet the more than 600 participants from many different countries who attended these three conferences! We firmly believe these conferences will become important international events in the field of optical technology.

The International Conference on Frontiers in Optical Imaging Technology and Application was sponsored by the Chinese Society for Optical Engineering, the Chinese Academy of Engineering, and the National Natural Science Foundation of China, and was organized by the Chinese Society for Optical Engineering. The International Symposium on Terahertz Technology and Applications was sponsored by the Chinese Society for Optical Engineering, and was organized by the University of Shanghai for Science and Technology. The International Symposium on Surface Topography and Optical Microscopy was sponsored by the Chinese Society for Optical Engineering and Harbin Institute of Technology, and was organized by the Chinese Society for Optical Engineering.

The purpose of these three conferences is to provide a forum for participants to report and review innovative ideas and up-to-date progress and developments, and discuss novel approaches to application in the optical field. It is sincerely hoped that research and development in the optical field will continue to be promoted and international cooperation and sharing for the common interest will be enhanced.

On behalf of the Co-chairs and the Organizing Committee of these three conferences, we would like to heartily thank our sponsors and cooperating organizations for their contributions.

We also thank the authors for their contributions to the proceedings, the participants and friends for their interest and efforts in helping us to make the

conferences possible, the Program Committee members for their effective work and valuable advice, the Secretariat, and the SPIE staff for their tireless efforts and outstanding services preparing and publishing the conference proceedings.

Shenggang Liu Songlin Zuang Daren Lv Lijun Wang Guangin Zhang Michael I. Petelin Libin Xiang