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Introduction

We had the great honor of organizing the International Conference on Optoelectronics and Microelectronics Technology and Application 2016 (OMTA 2016). It was truly a great pleasure for us to greet more than 500 participants from many different countries attending the symposium. We firmly believe this symposium will become an important international event in the field of optical technology.

OMTA 2016 was sponsored by the Information and Electronic Engineering Faculty, Chinese Academy of Engineering National, Natural Science Foundation of China, Chinese Society for Optical Engineering, organized by Chinese Society for Optical Engineering (CSOE), Photoelectronic Technology Committee, Chinese Society of Astronautics (CSA), Science and Technology on Low-light-level Night Vision Laboratory, Science and Technology on Electro-Optical Information Security Control Laboratory.

The symposium is to provide a forum for the participants to report and review innovative ideas and up-to-date progress and developments and discuss novel approaches to applications in the optical field. We sincerely hope that research and development in optical fields will be promoted, and international cooperation sharing a common interest will be enhanced.

On behalf of the other chairs and co-chairs and the organization committee, we would like to heartily thank our sponsors and organizers for all they have done for the symposia. Thanks also to all the authors for their contributions to the proceedings, to all of the participants and friends for their interest and efforts in helping us to make the symposium possible, to the program committee for their effective work and valuable advice, especially the secretariat and the coordinators at SPIE for their tireless effort and outstanding services in preparing the symposium and publishing the proceedings.

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