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Introduction

We had the great honor of organizing the Global Intelligent Industry Conference 2018. It was a great pleasure for us to greet the more than 2000 participants from many different countries attended. We firmly believe this conference will become an important international event in the field of AI technology.

The Global Intelligent Industry Conference 2018 was sponsored by the Chinese Academy of Engineering and was organized by the Division of Information and Electronic Engineering of CAE, Chinese Society for Optical Engineering, Beijing Economic Technological Development Area.

The purpose of this conference 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 application in the AI field. It is sincerely hoped that the research and development in the AI field will be promoted, and international cooperation sharing the common interest will be enhanced.

On behalf of other co-chairmen, and the organization committee, we would like to thank our sponsors and cooperation organizers for all they have done for this conference. 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 this conference possible, to the program committee members for their effective work and valuable advice, and to the secretariat and SPIE staff for their tireless efforts and outstanding service in preparing and publishing the proceedings.

Yueguang Lv