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**Abdul A. S. Awwal**
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# Introduction

We are excited to organize the conference on Optics and Photonics for Information Processing for the sixth time. This year the conference attracted 46 contributed presentations in the areas of hybrid optoelectronic systems, pattern recognition, optical holographic systems, optical systems, 3D displays, hyperspectral image processing, optical communications and sensors. We were very encouraged by the number of high quality presentations, as was noted by past SPIE President Maria Yzuel, who had attended presentations on both days of this two-day conference. We attracted papers from many different countries across the globe including U.S., Korea, Japan, Spain, Brazil, Mexico, Ukraine, Russian Federation, Belarus, Germany, and China. It was exciting to see presentations on commercial applications of many of the optical computing/memory/pattern recognition/3D display topics. A few examples include presentations on high speed holographic correlation system by time-division recording method for copyright content management on the internet, and applications of GPU computing in optical systems. The oral sessions were well attended with no missing presenters. Wednesday night featured the poster presentations.

Our objective had been to bring together people from the optical information processing community to demonstrate applications of optics for information processing, optical interconnects, and displays. Next year's conference will take place 25–29 August 2013 in San Diego.

**Abdul A. S. Awwal**
**Khan M. Iftekharuddin**