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Current Developments in Lens Design and Optical Engineering XVI

**R. Barry Johnson
Virendra N. Mahajan
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Editors

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Introduction

This year, we accepted 38 papers, including 13 poster papers, for our conference on Current Developments in Lens Design and Optical Engineering XVI, of which 28 were presented at the conference over a period of two days. The papers were organized into six sessions covering lens design methodology, applications and analysis, optical testing and analysis, optical material under cold conditions, and solid state lighting. A total of 28 papers were presented. Two were cancelled, and eight were no-shows. A total of 23 papers are presented in these proceedings, including two invited papers. Surprisingly, the manuscripts of 10 of the presented papers were either not submitted or were incomplete. Of the two invited papers, one is on comparison of geometrical and diffraction optical transfer functions, and the other is on testing and alignment of freeform-based multiple-mirror telescopes. There are nine papers from the United States, three each from Mexico, Taiwan, and China, and one each from Belgium, Brazil, Czech Republic, Germany, and Turkey.

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