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Material Technologies and Applications to Optics, Structures, Components, and Sub-Systems II

Matthias Krödel
Joseph L. Robichaud
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Editors

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Introduction

This is the second volume of the Material Technologies and Application to Optics, Structures, Components and Subsystems. These proceedings have expanded upon our legacy volumes on Optical Materials and Structures to include other topics related to subsystems, components, and assemblies made of different materials like metals, ceramics, and glass. In addition, we have also added a session on high accuracy material testing.

In this volume you will find interesting contributions of different material technologies:

- Metal materials like Be, AlBe
- Ceramic Materials like SiC, HB-Cesic, and T300HoneySic
- Low-expansion ceramics and glasses like Zerodur
- Gradient index refractive materials

In addition to the material papers, you will also find information about a broad band of applications already implemented in current programs or R&D projects.

We have done our best to collect papers about novel technologies and applications from an international community. We hope that you will find this volume exciting and educational.

Matthias Krödel
Joseph L. Robichaud
William A. Goodman