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Advances in X-Ray/EUV Optics and Components XII

**Christian Morawe
Ali M. Khounsary
Shunji Goto**
Editors

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Introduction

This volume contains papers presented at the conference on Advances in X-Ray/EUV Optics and Components XII, held 8–9 August 2017 in San Diego, California, USA, as part of the 2017 SPIE Optics + Photonics symposium.

The conference was composed of seven oral sessions: Multilayers, Focusing, Mirrors, Beamlines and Facilities, Opto-Thermomechanics, Crystals, and Gratings. The focus of the conference was on technological developments in X-ray/EUV optics, covering a wide spectral range. Topics related to metrology, laboratory-based x-ray sources, computational methods for x-ray optics, and x-ray nanoimaging were presented in independent conferences at the same symposium.

Scheduled for one and half days of oral presentations, and accompanied by an evening poster session, the conference highlighted recent developments in the field and stimulated lively discussions among participants.

We would like to thank the authors, speakers, session chairs, programme committee members, and the conference participants for their contributions, and the SPIE staff for their help in the organization of the conference.

Christian Morawe
Ali M. Khounsary
Shunji Goto