

PROCEEDINGS OF SPIE

# ***Advances in X-Ray/EUV Optics and Components XII***

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

**8–9 August 2017  
San Diego, California, United States**

*Sponsored and Published by*  
SPIE

**Volume 10386**

Proceedings of SPIE 0277-786X, V. 10386

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Advances in X-Ray/EUV Optics and Components XII, edited by Christian Morawe,  
Ali M. Khounsary, Shunji Goto, Proc. of SPIE Vol. 10386, 1038601 · © 2017 SPIE  
CCC code: 0277-786X/17/\$18 · doi: 10.1117/12.2295743

Proc. of SPIE Vol. 10386 1038601-1

The papers in this volume were part of the technical conference cited on the cover and title page. Papers were selected and subject to review by the editors and conference program committee. Some conference presentations may not be available for publication. Additional papers and presentation recordings may be available online in the SPIE Digital Library at [SPIDigitalLibrary.org](http://SPIDigitalLibrary.org).

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Please use the following format to cite material from these proceedings:

Author(s), "Title of Paper," in *Advances in X-Ray/EUV Optics and Components XII*, edited by Christian Morawe, Ali M. Khounsary, Shunji Goto, Proceedings of SPIE Vol. 10386 (SPIE, Bellingham, WA, 2017) Seven-digit Article CID Number.

ISSN: 0277-786X  
ISSN: 1996-756X (electronic)

ISBN: 9781510612297  
ISBN: 9781510612303 (electronic)

Published by

**SPIE**

P.O. Box 10, Bellingham, Washington 98227-0010 USA  
Telephone +1 360 676 3290 (Pacific Time) · Fax +1 360 647 1445  
[SPIE.org](http://SPIE.org)

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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**

