

# PROCEEDINGS OF SPIE

## ***Earth Observing Systems XXII***

**James J. Butler**

**Xiaoxiong (Jack) Xiong**

**Xingfa Gu**

*Editors*

**6–10 August 2017**

**San Diego, California, United States**

*Sponsored and Published by*

**SPIE**

**Volume 10402**

Proceedings of SPIE 0277-786X, V. 10402

SPIE is an international society advancing an interdisciplinary approach to the science and application of light.

Earth Observing Systems XXII, edited by James J. Butler, Xiaoxiong (Jack) Xiong, Xingfa Gu, Proc. of SPIE Vol. 10402, 1040201 · © 2017 SPIE · CCC code: 0277-786X/17/\$18 · doi: 10.1117/12.2299452

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

Author(s), "Title of Paper," in *Earth Observing Systems XXII*, edited by James J. Butler, Xiaoxiong (Jack) Xiong, Xingfa Gu, Proceedings of SPIE Vol. 10402 (SPIE, Bellingham, WA, 2017) Seven-digit Article CID Number.

ISSN: 0277-786X

ISSN: 1996-756X (electronic)

ISBN: 9781510612617

ISBN: 9781510612624 (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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