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, "Front Matter: Volume 9543," Proc. SPIE 9543, Third International Symposium on Laser Interaction with Matter, 954301 (8 May 2015); doi: 10.1117/12.2197124

SPIE.

Event: Third International Symposium on Laser Interaction with Matter, 2014, Jiangsu, China

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Third International Symposium on Laser Interaction with Matter (LIMIS 2014)

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Jianlin Cao
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Chairs

**2–5 November 2014
Nanjing, China**

Organized by
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Published by
SPIE

Volume 9543

Proceedings of SPIE 0277-786X, V. 9543

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

Third International Symposium on Laser Interaction with Matter (LIMIS 2014), edited by
Yury M. Andreev, Zunqi Lin, Xiaowu Ni, Xisheng Ye, Proc. of SPIE Vol. 9543, 954301
© 2015 SPIE · CCC code: 0277-786X/15/\$18 · doi: 10.1117/12.2197124

Proc. of SPIE Vol. 9543 954301-1

The papers included 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. The papers published in these proceedings reflect the work and thoughts of the authors and are published herein as submitted. The publisher is not responsible for the validity of the information or for any outcomes resulting from reliance thereon.

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Author(s), "Title of Paper," in *Third International Symposium on Laser Interaction with Matter (LIMIS 2014)*, edited by Yury M. Andreev, Zunqi Lin, Xiaowu Ni, Xisheng Ye, Proceedings of SPIE Vol. 9543 (SPIE, Bellingham, WA, 2015) Article CID Number.

ISSN: 0277-786X

ISBN: 9781628417098

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

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Introduction

The Third International Symposium on Laser Interaction with Matter (LIMIS 2014) was successfully held on 2 November 2014 in the famous and historical city of Nanjing, People's Republic of China. Many internationally prestigious experts in related fields attended the symposium and presented their latest research and innovations. Nearly 220 presentations—including plenary and invited talks, oral talks and posters—were selected from more than 250 submissions from around the world, including China, Russia, the United Kingdom, the United States, France, Germany, Sweden, and Japan. Finally, 83 papers were accepted for publishing.

The symposium focused on the most-recent and advanced topics concerning laser-matter interactions, highlighting the latest advances in six contributed sessions, including laser irradiation effect and mechanism, laser-plasma physics, laser-spectrum technology and applications, high-power lasers, nonlinear optics, laser processing, and one special session: laser chemistry.

The symposium provided a platform for all of the participants to communicate with each other and share their views and ideas. Furthermore, every paper will benefit not only the participants but also researchers engaged in related fields.