

FINAL CALL FOR PAPERS

ODF'06



5th International Conference on
Optics-photonics
Design & Fabrication



“ODF '06, Nara”
December 6-8, 2006

Nara-Ken New Public Hall (奈良県新公会堂) Nara, Japan

Organized by

ODG (Optics Design Group of OSJ)

Sponsored by

OSJ (The Optical Society of Japan (JSAP))

In Cooperation with

ICO (International Commission for Optics)

OSK (Optical Society of Korea)

COS (Chinese Optical Society)

OSA (Optical Society of America)

SPIE (The International Society for Optical Engineering)

EOS (European Optical Society)

Applied Optics Meeting in Kansai

IEICE (The Institute of Electronics, Information and Communication Engineers)

IIEEJ (The Institute of Image Electronics Engineers of Japan)

JIEP (Japan Institute of Electronics Packaging)

JOEM (Japan Optomechatronics Association)

JOMA (Japan Optical Measuring Instruments Manufacturers' Association)

JPS (The Physical Society of Japan)

JSMBE (Japanese Society for Medical and Biological Engineering)

JSPE (The Japan Society for Precision Engineering)

LSJ (The Laser Society of Japan)

OITDA (Optoelectronic Industry and Technology Development Association)

Technical Co-sponsor

IEEE/LEOS (The IEEE Lasers and Electro-Optics Society)



Paper Submission Acceptance; March 1, 2006 - May 31, 2006

<http://www.odf.jp/>

INTRODUCTION

The 5th International Conference on Optics-photonics Design & Fabrication “ODF'06, Nara” will be held on December 6-8, 2006 in Nara, Japan. Optics-photonics design and fabrication will continue to play a significantly important role in the 21st century achieving harmony between technology and the environment. ODF'06 is intended to provide an international forum for original paper presentations and discussions of optics-photonics design and fabrication related technological and scientific topics. These topics include theory, design, fabrication, testing, applications and others.

The conference will be held at the Nara-Ken New Public Hall, surrounded by 1000-year historical Japanese culture, as one of the best site in Japan to welcome experts in Optics & Photonics from all over the world. ODF'06 is aimed to promote international collaboration among the participants in this field including related companies' exhibition and sight seeing tour.

Collaboration and Competition make progress.

“Join us at *ODF'06, Nara!*”

SCOPE OF THE CONFERENCE

ODF'06 is an international forum for the engineers and scientists in field of Optics-photonics Design and Fabrication to exchange their ideas and achievements for the future mutual progress. The conference will consist of the session for optics-photonics design and simulation, optical components, optical systems, and optical technology. A special session featuring bio-science is also planned. These sessions will cover the field of optical theory, software, DOE's, micro-optics, thin films, waveguides, MEMS, Lasers, fiber communications, information optics, optical storage, optical lithography, microscopy, displays, and others.

CATEGORIES AND PRELIMINARY LIST OF INVITED SPEAKERS

Plenary

W. Ulrich (Carl Zeiss SMT AG / Germany)

“Optical lithography - the recent progress”

C. J. R. Shappard (National Univ. of Singapore / Singapore)

“Developments in 3D microscopy”

T. Koyama (Canon / Japan)

“Lens Design for Digital Still Cameras”

Biomedical Photonics

M. van der Mark (Philips Res. Labs. / Netherlands)

“Fluorescence diffuse optical tomography system for breast cancer imaging”

K. Imaizumi (Olympus / Japan)

“Development of autofluorescence imaging system for endoscopic diagnosis”

M. Gu (Swinburne Univ. of Technology / Australia)

“Fiber-optical Nonlinear Optical Endoscopy”

G. Spalding (Illinois Wesleyan Univ. / USA)

“All optical sorting of particles”

Optical Design/Simulation

W. Shen and J. Yu (Soochow Univ. / China)

“Development of a Long-Wavelength Infrared lens with 135 degree FOV and suitable for Uncooled FPAs”

T. Davenport (ORA / USA)

“Ripple structures used for optimizing uniformity in an LED light-piping system”

F. Bociort (Delft Univ. of Technology / Netherlands)

“Is there order in the merit function landscape of optical systems?”

Y. Hirayama (Toshiba / Japan)

“Optics design and fabrication of flatbed-type integral imaging 3-D display systems”

Optical Components/Devices

G. Cincotti (Univ. of Roma Tre / Italy)

“Design of multiport encoder/decoders for OCDMA networks”

M. Morikawa (Konicaminolta Technology center / Japan)

“Super Wide-band Polymeric Quarter Wave Plates (QWPs) fabricated by Nanoimprint Technologies”

H. Toshiyoshi (The Univ. of Tokyo / Japan)

“Optical MEMS Technology in Medical Applications”

Optical Systems

R. Semmler (Carl Zeiss AG / Germany)

“AIMS(TM)- the optical emulator of projection mask lithography”

T. Ishiyama (Nikon / Japan)

“Projection Optics for Exposure Tools, its potential and future”

S. H. Lin (National Chiao Tung Univ. / Taiwan)

“Holographic memory and applications using doped photopolymers”

A. Nakaoki (Sony / Japan)

“Near Field Optical Systems for Data Storage”

B. H. W. Hendriks (Philips Res. Labs. / Netherlands)

“Application of liquid lenses in electronic products”

Optical Technology

D. Anderson (JILA/Univ. of Colorado / USA)

“Vapor detection with an adaptive holographic interferometer: An Optical Nose”

D. Erickson (Cornell Univ. / USA)

“Optofluidics: Emerging Technologies and Applications”

M. Gross (Ecole Normale Supérieure / France)

“The photorefractive detection of the ultrasound modulated photons in scattering media”

S.-W. Kim (Korea Advanced Inst. of Science and Technology / Korea)

“Ultra-precision positioning measurement and control for one billionth uncertainty”

(Some of them are under negotiation and their titles are tentative.)

PREPARATION OF ABSTRACT AND MANUSCRIPTS

A limited number of original papers will be accepted for presentation. Authors are required to submit a 35-word Abstract and 2-page Manuscripts. The paper must be submitted online. Please confirm the submission procedure on the ODF'06 Home Page.

The copyright of the article published in the ODF'06 Technical Digest is to be transferred to the Optical Society of Japan (OSJ). The authors are required to agree to the copyright transfer in the online submission procedure at the same time as the 35-word abstract and the 2-page manuscripts are submitted.

● 35-word Abstract

Abstract should be up to 35 words in text format. Please avoid the use of scientific and engineering symbols in the abstract. The abstract which is longer than 35 words will be shortened by the program committee. If the paper is accepted, the abstract will appear in the Advance Program.

● 2-page Manuscripts

2-page camera-ready manuscripts including text, figures, tables and references must be typed single spaced on an A4 or letter size paper, with the title followed by the author's name, affiliation, and address. Accepted papers will be published in the Technical Digest of the conference. For the layout of manuscript, please see the Guidelines on the ODF'06 Home Page.

● Abstract & Manuscripts Acceptance: March 1, 2006 - May 31, 2006

For inquiries, please contact: Secretariat for ODF'06

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The presentation schedule will be determined after the program committee has reviewed the papers. Authors will be notified by the beginning of September 2006 whether their papers have been accepted, and whether their presentation is in oral session or poster session. Notification will be sent by E-mail or a letter to the author listed first. Note that it will be the author's responsibility to obtain any necessary and appropriate clearances from his/her affiliation.

ADDITIONAL INFORMATION

● Post-Deadline Papers

Detailed information will be announced in the Advance Program and on the ODF'06 Home Page.

● Best Paper Award

The best paper among the contributed papers will be awarded through the examination by the program committee at the end of conference.

● ODF'06 Special Issue of OPTICAL REVIEW

The presented papers can be resubmitted and published in the ODF'06 special issue of the OPTICAL REVIEW, which is

the journal of the Optical Society of Japan (OSJ). Application forms for the special issue will be distributed on site.

● **Company Exhibition**

On the first and second day of the Conference, a company exhibition will be held for leading companies and laboratories to display optics related businesses, as optical design software, books, devices, equipments and others. For more information please contact ODF'06 Secretariat.

REGISTRATION

● **Registration Fee**

The registration fee includes admission to technical sessions and one copy of Technical Digest.

Type	Before /on Nov. 6, 2006	After Nov. 6, 2006
Member [*]	JPY 35,000	JPY 39,000
General (Non-members)	JPY 35,000	JPY 45,000
Student	JPY 10,000	JPY 10,000
Additional copy of Technical Digest	JPY 10,000	JPY 10,000

[*] Member of sponsor and cooperative society

● **Registration**

Those who wish to attend ODF'06 should make online registration. The deadline for advanced registration is November 6, 2006. On-site Registration at Conference venue will also be accepted, but early registration is highly recommended. The Online Registration Page will be available at ODF'06 Home Page. <http://www.odf.jp/>

● **Cancellation Policy**

There will be no refunds for the registration fee.

CONFERENCE SITE

The Conference Venue, Nara-Ken New Public Hall is located in the center of Japan. As to access to NARA, the most convenient transport is to take a direct flight to Kansai International Airport. From JR and Kintetsu Nara station, please take the Bus Numbers 70, 88, 97, 98 or 133, bound for "Kasuga Taisha" (leaves from Bus Gate No. 1), and get off at "Nara-Ken New Public Hall". It will need 10 minutes ride from JR and 5 minutes from Kintetsu station.

From Kansai International Airport:

- (1) Board the JR Airport Limited Express Train, HARUKA, which runs every 30 minutes or Kansai Airport Rapid Service to JR Tennoji Station. At JR Tennoji Station, please transfer to JR Yamatoji Line to JR Nara Station.
- (2) Another way to get to Nara from Kansai International Airport is to take an airport limousine bus (Terminal #9). Tickets are available on the ground floor outside the terminal building. The traveling time to JR Nara Station is approximately 1 hour 25 minutes. The limousine bus also stops at Nara Hotel (the nearest hotel to the conference venue).

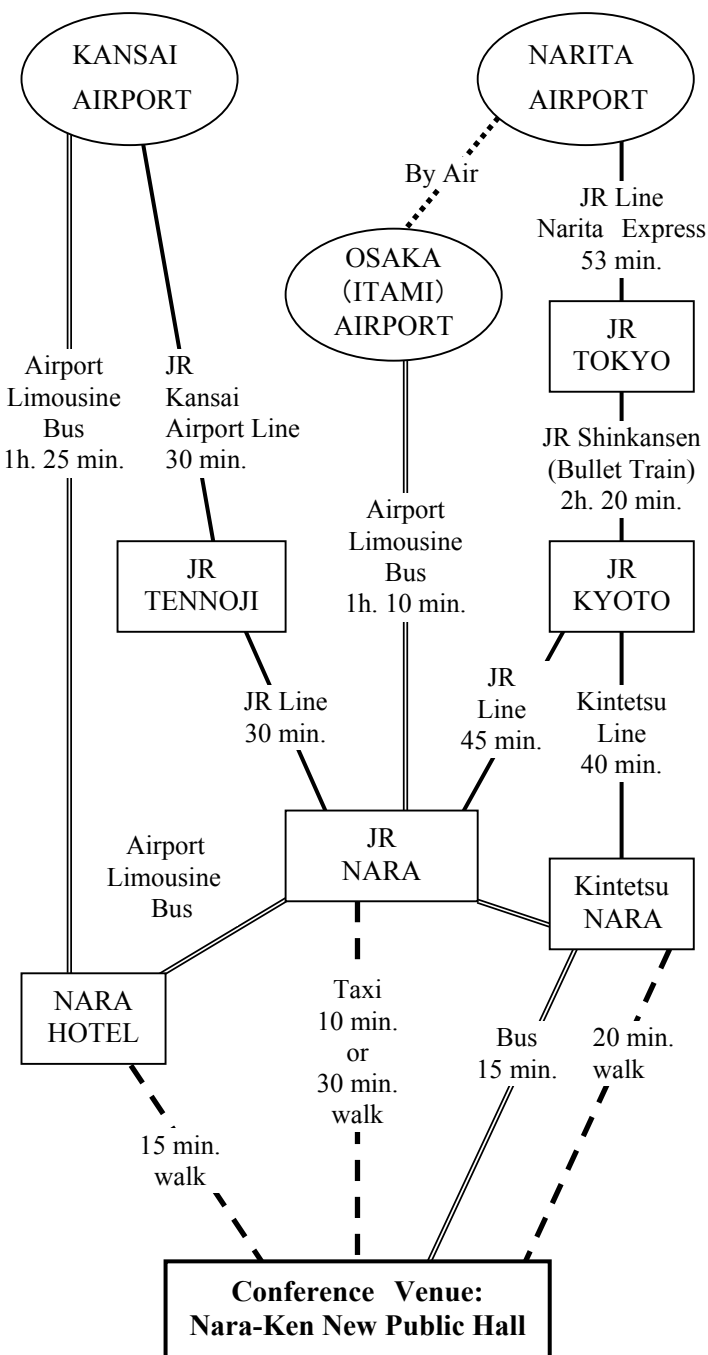
From Narita International Airport:

- (1) Via Osaka International Airport (Itami)

A limited number of domestic flights are available to Osaka International Airport (Itami) from Narita. From there, take an airport limousine bus to JR Nara Station (about 1 hour 10 minutes).

- (2) Via JR Tokyo Station

Board the JR Narita Express Train (53 minutes) to JR Tokyo Station. Then board the JR Shinkansen (bullet train: Nozomi) to JR Kyoto Station. Shinkansen trains run every 15 minutes, and the traveling time is 2 hours and 20 minutes. From Kyoto to Nara, please take Kintetsu Kyoto Line (about 40 minutes) or JR Nara Line (about 45 minutes).



HOTEL RESERVATION AND OPTIONAL TOUR

● Hotel

Rooms at the following hotels are reserved for the participants from Dec. 5 through Dec. 8. Reservation will be made on a first-come, first-reserved basis. Please visit ODF'06 home Page and proceed to online registration page to book your room. Hotel Nikko Nara, Nara Washington Hotel Plaza, and Hotel Fujita Nara are about five minutes walk from JR Nara Station. To Nara Hotel, it takes about 8 minutes by car from JR Nara Station.

Name of Hotel (Check-in/out)	Rates (JPY)		Address
	Single	Twin	
Nara Hotel (15:00 / 11:00)	13,125	12,600	1096 Takabatake-cho Nara-city, Nara 630-8301 Tel: +81-742-26-3300 Fax: +81-742-23-5252
Hotel Nikko Nara (13:00 / 11:00)	11,025	9,975	8-1 Sanjo-Hommachi, Nara-city, Nara 630-8122 Tel: +81-742-35-8831 Fax: +81-742-35-6868
Nara Washington Hotel Plaza (14:00 / 10:00)	8,295	—	31-1 Shimosanjo-cho, Nara-city, Nara 630-8236 Tel: +81-742-27-0410 Fax: +81-742-27-0484
Hotel Fujita Nara (13:00 / 11:00)	7,500	—	47-1 Shimosanjo-cho, Nara-city, Nara 630-8236 Tel: +81-742-23-8111 Fax: +81-742-22-0255

- 1) The above rates are per person, per night, including service charge, consumption tax and breakfast.
- 2) Twin room may not be reserved by a single person.

● Cancellation Policy

In case of cancellation, please cancel your reservation by logging-in to your Personal Page. Your deposit will be refunded after deducting the cancellation fees as follows.

(a) Up to 10 days before the first night of stay:

No charge

(b) 2 to 9 days before the first night of stay:

20% of the daily room charge

(Minimum: JPY 2,000)

(c) 1 day before the first night of stay or no notice given:

100% of the daily room charge

*Please note all refunds will be made after the Conference.

● Optional Tour

On the third day (December 8th) of the Conference, after all the sessions are closed, an optional tour is arranged for the participants and accompanying persons at a reasonable price. Those who would like to join the tour are required to make online registration. In Nara basin, there are many old temples and shrines with some dating back to the 7th century. For more information, refer to Advance Program or homepage.

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For information mail

ODF'06 Secretariat: Tsuyoshi HAYASHI /
odf06@odf.jp

Additional information (Advance Program) will be sent on request.

Please send e-mail or fax the information request form to ODF '06 Secretariat.

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ODF '06, Information Request Form:

Name

Affiliation

Address

Zip/Postal Code

Country

E-mail

Please send me:

Advanced Program,

Exhibit Information