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29 October – 1 November 2012
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Kyoto, Japan

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Conference dates
29 October –
1 November 2012
Location
The Kyoto International Conference Center
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2012 Asia-Pacific Remote Sensing

29 October – 1 November 2012

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2012 Asia-Pacific Remote Sensing

29 October – 1 November 2012
The Kyoto International Conference Center (Kyoto ICC)
Kyoto, Japan

We invite you to submit your abstract to the 8th SPIE Asia-Pacific Remote Sensing Symposium in Kyoto, Japan. The focus is “Remote Sensing for the environment and the prevention and mitigation of disaster.”

The scope of the symposium includes global environmental change and impacts of human activities, environmental pollution diagnostics, water circulation and natural disasters, remote sensing and modeling, and marine environment and threats to the coastal areas. The individual conferences focus on active and passive remote sensing techniques, applications of atmosphere, land and marine sensing technologies, and development of new remote sensing sensors.

We invite submissions from policymakers, scientists, and engineers not only from the Asia-Pacific region, but also from other parts of the world, to discuss the issues about the development of the remote sensing technology, data processing techniques, applications of remote sensing data, modeling aspects that make use of remotely sensed data sets, and the societal benefits of remote sensing products.

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2012 Congress Chairs:



Upendra Singh
NASA Langley
Research Ctr.
(United States)



Toshio Iguchi
National Institute
of Information and
Communications
Technology (Japan)

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2012 Asia-Pacific Remote Sensing

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Rapid growth and development has increased the economic and social impact of Asian countries. Their effects on the global environment have become serious as well. Examples include increasing releases of greenhouse gases, environmental contamination, exhaustion of water resources, and vulnerability to severe natural disasters. Under such circumstances it is imperative to monitor the global environment by remote sensing and to understand environmental changes in order to preserve the environment for our lives and the future.

The focus of the 8th Asia-Pacific Remote Sensing Symposium in Kyoto, Japan, is "Remote Sensing for the environment and the prevention and mitigation of disaster."

The scope of the symposium includes:

- **Global environmental change and impacts of human activities**
- **Environmental pollution diagnostics**
- **Water circulation and natural disasters**
- **Marine environment and threats to the coastal areas**
- **Remote sensing and modeling**

The individual conferences focus on active and passive remote sensing techniques; applications of atmosphere, land and marine sensing technologies; and development of new remote sensing sensors. The symposium will bring together policy makers, scientists and engineers from the Asia-Pacific region, and other parts of the world, to discuss the issues and the development of the remote sensing technologies, data processing techniques, applications of remote sensing data, modeling aspects that make use of remotely sensed data sets and societal benefits of remote sensing products. The wind lidar is being considered as an important forthcoming remote sensing instrument from satellites. We encourage scientists to make presentations on wind lidar related modeling applications.

TECHNICAL AREAS OF THE SYMPOSIUM:

- Remote sensing of the atmosphere, clouds, and precipitation
- Land surface remote sensing
- Remote sensing of the ocean environment
- Lidar remote sensing for environmental monitoring
- Multispectral, hyperspectral, and ultraspectral remote sensing technology, techniques and applications
- Earth-observing missions and sensors: development, implementation, and characterization
- Remote sensing and modeling of the atmosphere, oceans and interactions

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Meeting Venue

Join us in Kyoto, Japan, for SPIE Asia-Pacific Remote Sensing. The meeting will be held at:

Kyoto International Conference Center
Takaragaike, Sakyo-ku
Kyoto 606-0001 Japan
<http://www.icckyo.or.jp/en/index.html>

The Kyoto International Conference Center (Kyoto ICC) has staged over 16,000 conferences since it opened in 1966 in this mecca of Japanese culture, as Japan's first state-sponsored international conference center.

Kyoto ICC has not only played a key role in the history of international conferences in Japan but is a flagship platform for large-scale conventions in Asia as well.

Kyoto, Japan has nurtured a unique culture over more than 1,200 years since the glory of Heiankyo. This culture revels in beauty of the four seasons and forms the heart of Japanese hospitality. Kyoto has 17 temples, shrines and castles inscribed on UNESCO's World Heritage List and about 2,000 temples, shrines and other historical sites. These historical buildings and places are integrated with diverse facets of culture, including tea ceremony, flower arrangement and Noh.

The official language of the conference presentations is English.

Registration

Registration fees for conferences will be available on the Web at spie.org/aecall in June 2012.

Advance Technical Program

Available online in June 2012

The comprehensive Advance Technical Program for this symposium will list conferences, paper titles, and authors in order of presentation; an outline of all planned special events; and information detailing the hotel reservations process.

Travel

Travel Information can be found online at <http://www.jnto.go.jp>

Airport and Shuttle Information

The Kyoto Station is located about 75 minutes by Airport Shuttle Train from Kansai International Airport and about 55 minutes by Limousine bus from Osaka (Itami) Airport.

Currency

Japan's currency is the yen.

Weather

Autumn brings freshness, light breezes and cool temperatures after the hot and humid summer with day time temperatures in the mid-60s. Autumn colors paint the forests and chrysanthemums create beautiful displays of flowers in parks and gardens. Light jackets and light sweaters are recommended.

Clearance Information

If government and/or company clearance is required to present and publish your presentation, start the process now to ensure that you receive clearance if your paper is accepted.

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Important Dates

Abstract Due Date: 16 April 2012

Author Notifications: 29 June 2012

Manuscript Due Date: 1 October 2012

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