

Held in conjunction with



7th International Symposium
on Rice Functional Genomics



Rice Annotation Project 6 Workshop

6th International
Rice Genetics
Symposium

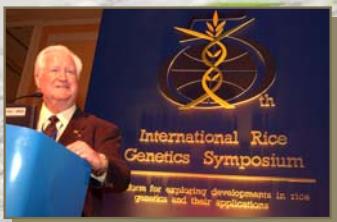


16-19 November 2009 Manila Hotel, Manila, Philippines

To be opened by Her Royal Highness Princess Maha Chakri Sirindhorn
One of the World's biggest and most important rice research conferences
Expecting more than 700 top international scientists and researchers

Key Topics include:

- ✓ Evolutionary genetics
- ✓ Genome structure
- ✓ Functional genomics
- ✓ Developmental genetics
- ✓ Abiotic stress genetics
- ✓ Disease and insect resistance
- ✓ Grain quality and nutrition
- ✓ Yield and heterosis
- ✓ Breeding applications



Local organizing committee:

David Mackill Abdelbagi Ismail
Hei Leung Ken McNally
Darshan Brar Casiana Vera Cruz

ISRFG organizing committee:

Hei Leung Emmanuel Guideroni Venkatesan Sundaresan
Gynheung An Hirochika Hirohiko Qifa Zhang
Apichart Vanavichit Ko Shimamoto Antonio Oliveira
Bin Han Narayana Upadhyaya
David Ho Rod Wing

Organizer:



Co-Organizer and Secretariat:



a division of IIR Exhibitions Pte Ltd, an informa business

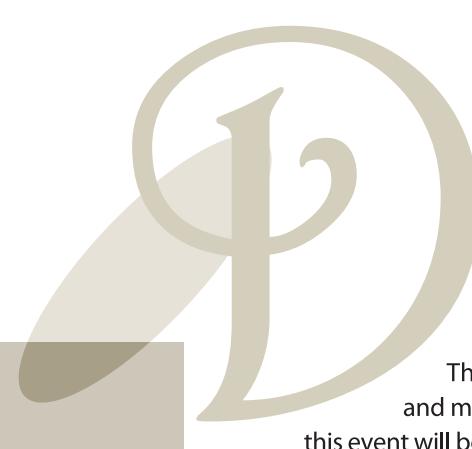
Official Media



Supporting Media



Visit www.ricegenetics.com



Robert S. Zeigler

Director General
International Rice Research Institute



Dear Fellow Researchers and Scientists,

The 6th International Rice Genetics Symposium is one of the world's biggest and most important rice research conferences. Adding to its scope and significance, this event will be held in conjunction with the 7th International Symposium on Rice Functional Genomics. The four-day event builds on the excitement generated by rapid advances in rice genomics and its potential benefits to food security and the international rice industry. **More than 700** top international scientists and researchers from around the world are expected to attend.

The symposium comes at a key time for the international rice industry, which is under unprecedented pressure caused by record high prices and major production challenges. It provides an important forum for reviewing the latest advances in rice research, how recent breakthroughs could affect global food security, and in-depth discussion and exchange of information on classical genetics and genomics. This major event will showcase the latest developments in the field, including research on breeding, mapping of genes and quantitative trait loci, identification and cloning of candidate genes for biotic and abiotic stresses, gene expression, and genomic databases and mutant induction for functional genomics.

I welcome all rice research professionals to the 6th International Rice Genetics Symposium held in conjunction with 7th International Symposium on Rice Functional Genomics and Rice Annotation Project 6 Workshop (RAP6).



Success of the Rice Genetics Symposium



This is the Sixth International Rice Genetics Symposium in the series of symposia held by IRRI every 4-5 years. The first international symposium held in 1985 led to the birth of the Rice Genetics Cooperative (RGC) for promoting international collaboration. The same year, the Rockefeller Foundation established the International Program on Rice Biotechnology, which has played a major role in advancing the frontiers of knowledge on cellular and molecular

*genetics of rice, international collaboration, and human resource development. In the second symposium, a unified system of numbering rice chromosomes and linkage groups was adopted. The orientation of classical and molecular maps was one of the many highlights of the third symposium. The fourth symposium brought together **520** rice scientists from 32 countries and provided an excellent forum for scientists from developed and developing countries to share information on the latest advances in rice science and to develop collaborative research projects. The fifth symposium attracted more than **700** rice scientists from 43 countries and covered a wide range of topics from classical genetics to the most advanced research on gene isolation and functional genomics.*

Day One - Sunday, 15 November 2009

0900 - 1700 Arrival and registration

0900 - 1700 The Rice Annotation Project 6 (RAP6) Workshop
Blast Network Meeting
(Separately Bookable)

Day Two - Monday, 16 November 2009

1000 - 1050 Opening remarks

Special Presentation by HRH Princess Sirindhorn of Thailand

Plenary 1 – Opening Session

1050 - 1125 Role of rice genetics in poverty alleviation

Monty Jones

Forum for Agricultural Research in Africa, Ghana

1125 - 1200 The future of rice genomics: Sequencing the Collective Oryza Genome

Rod Wing

University of Arizona, USA

1200 - 1315 Lunch

Plenary 2 Session

1315 - 1350 Leveraging model angiosperm genomics for the understanding and improvement of orphan cereal crops

Jeff Bennetzen

University of Georgia, USA

1350 - 1425 Exploring the genetic diversity of rice

Susan McCouch

Cornell University, USA

1425 - 1500 High throughput resequencing of the rice genome to study TE-related genome dynamics in grasses

Olivier Panaud

U. Perpignan, France

1500-1530 Coffee Break

1530-1605 Activation tagging for stress tolerance and plant nutritional traits

Gyn An

Pohang University, Korea

1605 - 1640 Developmental dynamics of small RNAs in rice

Venkatesan Sundaresan

University of California-Davis, USA

1640 - 1715 Iron uptake and loading in the rice grain

Naoko Nishizawa

The University of Tokyo, Japan

1715 - 1915 International Rice Functional Genomics Consortium business meeting

1915 Conference Dinner

Day Three - Tuesday, 17 November 2009

Plenary 3 Session

0820 - 0855 Next generation sequencing to discover the genome diversity of rice germplasm

Bin Han

Chinese Academy of Sciences, Beijing, China

0855 - 0930 Function of histone modification in rice epigenetic regulation

Daoxiu Zhou

Université Paris, France

0930 - 1005 Innate immunity in rice

Ko Shimamoto

Nara Institute of Science and Technology, Japan

1005 - 1025 Coffee Break

1025 - 1100 Genetics and mechanism of tolerance to flooding

Julia Bailey-Serres

University of California-Riverside, USA

1100 - 1135 Salt and drought stress signaling pathways

Jian-Kang Zhu

University of California-Riverside, USA

1135 - 1210 GA signaling pathways for yield traits in rice

Makoto Matsuoka

Nagoya University, Japan

1210 - 1300 Lunch

1300 - 1500 Poster session 1

1500 - 1750 Concurrent Sessions

Concurrent 1

Evolutionary genetics

Convener: **Michael Purugganan**

Co-convener: **Ken McNally**

Concurrent 2

Genome structure

Convener: **Nori Kurata**

Co-convener: **Darshan Brar**

Concurrent 3

Disease and insect resistance

Convener: **Shiping Wang**

Co-convener: **Casiana Vera Cruz**

Concurrent 4

Abiotic stress tolerance

Convener: **Julia Bailey-Serres**

Co-convener: **Abdelbagi Ismail**

2000 - 2200 Evening Workshops

Day Four - Wednesday, 18 November 2009

Plenary 4 Session

| | | |
|-------------|---|---|
| 0820 - 0855 | Wild species: a valuable genetic resource for rice breeding and genomics research Darshan Brar <i>IRRI, Philippines</i> | <i>Sponsored by</i>  Bayer CropScience |
| 0855 - 0930 | Heterosis and yield potential in rice Qifa Zhang <i>Huazhong Agricultural University, Wuhan, China</i> | |
| 0930 - 1005 | Molecular breeding strategies for cereals Sandra Milach <i>Pioneer, Iowa, USA</i> | |
| 1005 - 1025 | Coffee Break | |
| 1025 - 1100 | Advances in the integration of genomics into breeding in rice Masahiro Yano <i>National Institute of Agrobiological Sciences, Tsukuba, Japan</i> | |
| 1100 - 1135 | Unravelling the molecular mechanism of resistance to the rice blast fungus Guoliang Wang <i>Ohio State University, USA</i> | |
| 1135 - 1210 | Applications of genomics to rice breeding, with emphasis on transgenic crops Usha Zehr <i>Mahyco, India</i> | |
| 1155 - 1300 | Lunch | |
| 1300 - 1500 | Poster session 2 | |
| 1500 - 1750 | Concurrent Sessions Concurrent 5 Translational genomics Convener: Andy Pereira Co-convener: Ajay Kohli Concurrent 6 Developmental genetics Convener: Srinivasan Ramachandran Co-convener: Hei Leung Concurrent 7 Grain quality and nutrition Convener: Matthew Morell Co-convener: Melissa Fitzgerald Concurrent 8 Breeding applications Convener: A.K. Singh Co-convener: Parminder Virk | |

Day Five - Thursday, 19 November 2009

0645

Depart for IRRI field tour in Los Baños



Branding Opportunities

Want to take your brand further?

The 6th International Rice Genetics Symposium and 7th International Symposium of Rice Functional Genomics provide an excellent platform to promote your organization to international scientists, influential players and specially invited government personnel in the region.

Enjoy benefits like

- ✓ Prominent visibility to a highly targeted audience
- ✓ Exclusive networking opportunities with specially invited government personnel and key international scientists
- ✓ Opportunity to showcase value propositions and demonstrate idea leadership
- ✓ Increase of sales, market, and mind share
- ✓ Generate goodwill and build rapport with national leaders
- ✓ Maximum exposure and pre-publicity from a comprehensive and targeted marketing and promotions campaign

Sponsorship and booth opportunities available. Be seen at this prestigious event of the year! Contact Ms Violet Yong at +65 - 6517 3005 or email: secretariat@ricegenetics.com for more information.

Call for Poster Presentations

Submission deadline: 28 August 2009

Take advantage of the opportunity to present your research and ideas in front of KEY Global Rice Research Professionals. All presenters will enjoy full access to the event including all conference sessions, evening workshops, coffee and luncheon breaks, field tour to IRRI at Los Baños and the exhibition for three full days. Submit poster entry NOW at www.ricegenetics.com



Exciting Event Activities

Rice Annotation Project 6 Workshop (Separately Bookable)

Day One, Sunday, 15 November 2009

Background

Upon completion of the rice genome DNA sequencing c.a. 2003, a follow-up rice genome data analysis project called the "Rice Annotation Project" led by Japan, was established. Since knowledge of the DNA "sequence" did not automatically establish its biological function, the RAP meetings were convened to develop the technical issues of computer-driven analysis and data management ("bioinformatics") relating to inferring and cataloging the identity and biological functions of the active elements ("genes") in the genome.

IRRI is now pleased to host the sixth such workshop, RAP6, to be held in the Manila Hotel on November 15th as a satellite meeting of the International Rice Genetics and Rice Functional Genomics Symposia.

International Scientific Organizing Committee

- ✓ Takashi Gojobori, National Institute of Genetics, Japan
- ✓ Takuji Sasaki, National Institute for Agrobiological Sciences, Japan
- ✓ Rod Wing, Arizona Genomics Institute, USA
- ✓ Olivier Panaud, University of Perpignan, France
- ✓ Tatiana Tatusova, National Center for Biotechnology Information, USA
- ✓ Pankaj Jaiswal, Oregon State University, USA
- ✓ Richard Bruskiewich, International Rice Research Institute, Philippines

For further information about the Rice Annotation Project, please visit
<http://rapdb.dna.affrc.go.jp/>



Rice Annotation Project 6 Workshop

Supported by



Organized by



Conference Dinner

Day Two, Monday, 16 November 2009

This exclusive evening, specially for all attendees, promises abundant opportunities for knowledge exchange and networking and will feature a special program.



Evening Workshops

Day Three, Tuesday, 17 November 2009

Knowledge sharing workshops, chaired by leading experts, are organised specially for delegates who will benefit from the in depth discussion on special topics in rice genetics.



Field Tour

Day Five, Thursday, 19 November 2009

An exclusive field tour of IRRI in Los Baños will highlight the institute's field and laboratory experiments and guarantees a comprehensive and detailed field experience for the delegates.

Exhibition

Day Two to Four, 16-18 November 2009

The exhibition will showcase the latest technology and introduce potential customers to new products. It offers an international platform for great networking and market penetration opportunities within the rice industry.



Registration Form

16 - 19 November 2009 • Manila Hotel, Manila, Philippines

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

If undelivered, please return to: 205 Henderson Road #03-01 Henderson Industrial Park, Singapore 159549

Yes, I/We will like to register for (please tick)

| Event | Standard (per person) | Package includes |
|---|-----------------------|--|
| <input type="checkbox"/> 6 th International Rice Genetics Symposium & 7 th International Symposium on Rice Functional Genomics 16-18 November 2009 | US\$ 350 | <ul style="list-style-type: none"> • 1 Conference Delegate Pass • Access to Exhibition Area • Coffee and Luncheon Breaks during the Conference • Conference Materials • Conference Dinner on 16 Nov 2009 • Field Tour on 19 Nov 2009 |
| <input type="checkbox"/> Rice Annotation Project 6 (RAP 6) Workshop 15 November 2009 | US\$ 50 | <ul style="list-style-type: none"> • 1 RAP6 Workshop Pass • Coffee and Luncheon Breaks • Post-Meeting Cocktail Reception during the Workshop • Workshop Materials |

Will you be interested to sponsor? Yes No

Will you be interested to exhibit? Yes No

Personal Details

Company: _____

Address: _____

Postal code: _____

Country: _____

Tel: _____

Fax: _____

Signature: _____

Date: _____

| | Title | Name | Job Title | Tel | Mobile | Email | *Field Tour | *Evening Workshops |
|--------------------------|-------|------|-----------|-----|--------|-------|-------------|--------------------|
| Contact Person | | | | | | | | |
| Approving Manager | | | | | | | | |
| 1 st Delegate | | | | | | | | |
| 2 nd Delegate | | | | | | | | |
| 3 rd Delegate | | | | | | | | |
| 4 th Delegate | | | | | | | | |

*Complimentary event activities for 6th International Rice Genetics Symposium attendees only. Please tick to indicate your interest to attend. We will update you with more details and activities and confirm your attendance nearer to the event day.

Payment Options: Please tick your card type

Credit Card: Visa Mastercard

Credit card will be charged in SGD based on the prevailing exchange rates. Additional 2.5% administrative charge is applicable.

Card Holder: _____

Card number: _____

Payable amount in US\$: _____

Expiry date: _____

Signature: _____

Date: _____

Please advise other payment options

Payment Terms

Payment is due in full upon booking. Full payment is mandatory for admission to the event.

| Event Venue | Accommodation | Visa |
|---|--|---|
| Manila Hotel One Rizal Park Roxas Boulevard Manila, Philippines 1099 Tel: (632) 527-0011 Fax: (632) 527-0022 to 24 Website: www.manila-hotel.com.ph | Special room rates are available for 6 th International Rice Genetics Symposium's participants, please find more information in our event website, www.ricegenetics.com | Please make the necessary arrangements for your Visa. For more details, please refer to our website at www.ricegenetics.com |

Terms and Conditions

Substitution / Cancellation : If you are unable to attend, a substitute delegate is welcome in your place at no extra charge. If this is not possible, registrations cancelled more than 45 days before the event date will incur a 50% cancellation fee. Registrations cancelled less than 45 working days before the event date must be paid in full.

Program Change Policy : Due to unforeseen circumstances, the program may change and IRRI reserves the right to alter the venue and/or speakers.