

SECOND ANNOUNCEMENT

**THE 9TH INTERNATIONAL SYMPOSIUM
ON TEMPERATE ZONE FRUITS
IN THE TROPICS AND SUBTROPICS**

**26 – 28 MARCH 2013
THE IMPERIAL MAE PING HOTEL
CHIANG MAI, THAILAND**

INVITATION AND MESSAGE

FROM THE NATIONAL ORGANIZING COMMITTEE CHAIRMAN

Dear Colleagues,

On behalf of the National Organizing Committee, Department of Agriculture (DOA), Horticultural Science Society of Thailand (HSST), The Royal Project Foundation (RPF), Food and Agriculture Organization of the United Nations (FAO), Kasetsart University, Maejo University, Mahidol University, Chiang Mai University, Naresuan University, Thailand Research Fund (TRF), National Research Council of Thailand (NRCT) and International Society for Horticultural Science (ISHS), I wish to extend our invitation to all ISHS members, and other colleagues to participate in the 9th International Symposium on Temperate Zone Fruits in the Tropics and Subtropics to be held at the Imperial Mae Ping Hotel, Chiang Mai, Thailand during 26 – 28 March 2013.

This second Announcement will provide you with an online of information, scientific program of the Symposium.

The success of our Symposium depends upon your participation. I hope you will make a special effort to attend.

Look forward to seeing you at the International Symposium.

Dumrong JIRASUTUS

Chairman of the 9th International Symposium on Temperate Zone Fruits
in the Tropics and Subtropics
Bangkok: January 2013

THE 9TH INTERNATIONAL SYMPOSIUM ON TEMPERATE ZONE FRUITS IN THE TROPICS AND SUBTROPICS

ORGANIZED BY

**DEPARTMENT OF AGRICULTURE
HORTICULTURAL SCIENCE SOCIETY OF THAILAND
THE ROYAL PROJECT FOUNDATION
FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
KASETSART UNIVERSITY
MAEJO UNIVERSITY
MAHIDOL UNIVERSITY
CHINAG MAI UNIVERSITY
NARESUAN UNIVERSITY
THAILAND RESEARCH FUND
NATIONAL RESEARCH COUNCIL OF THAILAND
INTERNATIONAL SOCIETY FOR HORTICULTUREAL SCIENCE**

EXECUTIVES

Director General of Department of Agriculture
President of Horticultural Science Society of Thailand
President of Food and Agriculture Organization of the United Nations
President of the Royal Project Foundation
Director of Horticultural Research Institute, Department of Agriculture

EDITORS

Dr. Narong Chomchalow Horticultural Science Society of Thailand

CONVENOR

Mr. Dumrong Jirasutus Director-General, Department of Agriculture

SECRETARIAT

Mrs. Peyanoot Naka Horticultural Research Institute
Department of Agriculture

ADDRESS

Horticultural Research Institute, Department of Agriculture, Chatuchak, Bangkok
10900, Thailand

Tel: 66 2579 0583, 66 2940 5484-5

Fax: 66 2561 4667

Email: peyanoot2@gmail.com tzfts2013@yahoo.com

SYMPOSIUM INFORMATION

REGISTRATION

The complete Registration form (Form A) together with registration fee must be mail to the Symposium secretariat. The registration fees are as follows:

<i>ISHS member</i>	US\$ 300
<i>Non-ISHS member</i>	US\$ 375
<i>Students</i>	US\$ 200

Registration fee should be remitted by Bank Draft or money transfer payable to “The International Symposium on TZFTS 2013” **Account No. 235-229630-9** (swift code : **SICOTHBK**) Siam Commercial Bank, Kasetsart University Branch, Kasetsart University Campus, Chatuchak, Bangkok 10900. Thailand.

WORKSHOP VENUE

The main activities of the symposium will be taken place at Imperial Grand Hall, Imperial Mae Ping Hotel, Chiang Mai.

SECRETARIAT OFFICE

A secretariat office will be set up at Imperial Room 4 to facilitate and assist delegates and participants during the Symposium. Services will be available from 08:00 am – 18:00 pm on March 26 – 28. Arrangements for presentation will be available to all speakers at the secretariat office.

MANUSCRIPTS

All the papers submitted should conform to the form and style appeared in ACTA HORTICULTURE, official publication of ISHS. Please hand in two copies of manuscripts and a text file (Microsoft Word 97 or higher) in a CD to the secretariat upon arrival or before the end of the Symposium. All the papers presented in the Symposium will be subjected to reviewers appointed by the Scientific Committee before published in ACTA HORTICULTURAE. Editorial board has the right in selecting only the quality papers for publishing. Full papers submitted by facsimile cannot be accepted for publication. The proceedings will be sent to fully registered participants once available.

LANGUAGE

English will be used in all scientific sessions and all Symposium communications.

VISUAL AIDS

The following facilities will be available to assist the speakers in their presentations.

- LCD projectors
- 35 mm. slide projectors
- Overhead projector (bring your own pens and transparencies)

THE HOTEL

The Imperial Mae Ping Hotel is situated in 153 Sridonchai Road, Mueang District, Chiang Mai 50100, Thailand. (Tel.: 66 (53) 210 530-2 /Fax: 66 (53) 210 399).

SOCIAL EVENTS

Welcome reception will be organized at Mae Ping Garden on Tuesday March 26, 2013, at 19:00pm

PROFESSIONAL TOUR

A one day professional tour is being organized on Thursday March 28, 2013. Buses will depart the hotel at 08:00am to visit the Inthanon Royal Agricultural Station at Baan Khun Klang and the Royal Agricultural Research Center at Baan Khun Wang. Refreshments and lunch boxes will be provided. All registered delegates are entitled free of charge. Admission fees of this excursion for accompanying persons are US\$ 30 per person. Those who wish to join this field trip please sign your name at the registration desk for securing seat on the bus.

MEALS

For vegetarians, please inform the National Organizing Committee in advance or upon arrival for preparing your meals.

ACKNOWLEDGMENTS

The National Organizing Committee wishes to acknowledge the following organizations, companies and persons whose generous supports have made this Symposium and the professional tour possible.

- Royal Project Foundation
- Tourism Authority of Thailand
- Food and Agriculture Organization of the United Nations, Regional Office for Asia and the Pacific

SCIENTIFIC PROGRAM

25 March 2013

15:00 – 18:00 EARLY REGISTRATION AND POSTER PREPARATION

26 March 2013

08:00 – 09:00 REGISTRATION

09:00 – 10:00 OPENING CEREMONY – IMPERIAL GRAND HALL

- Welcome Address
His Serene Highness Prince Bhisadej Rajani
President of the Royal Project Foundation
- Address from FAO
Hiroyuki Konuma, Assistant Director-General
FAO Regional Representative for Asia and the Pacific
- Address from HSST
Ananta Dalodom
President of the Horticultural Science Society of Thailand
- Address from ISHS
Representative of the International Society of Horticultural Science
- Report from the Organizing Committee
Suwit Chaikiattiyos, Deputy Director-General
Department of Agriculture
- Opening Address
Dumrong Jirasutus, Director-General
Department of Agriculture

10:00 – 10:30 BREAK

10:30 – 11:15 KEYNOTE ADDRESS

World Production and Marketing on Temperate Zone Fruits in the Tropics and Subtropics

H. Konuma (Japan)

SESSION I INVITED PAPERS - IMPERIAL GRAND HALL

11:15 – 11:45 Temperate Zone Fruits in Royal Project: from 'peach for poppy' to 'Global GAP'

S. Rojanasoonthon (Thailand)

11:45 – 12:15 Overview of Temperate Fruits in North Eastern Himalaya: Situation and Challenges

S. Mitra (India)

12:15 – 13:00 LUNCH

SESSION II INVITED PAPERS - IMPERIAL GRAND HALL

- 13:00 – 13:30 Cultural Practices on Temperate Fruits Growing In Tropical and Subtropical Zones
R. Nissen (Australia)
- 13:30 – 14:00 Korean Citrus Industry
K. Kim (Korea)
- 14:00 – 14:30 Progress and Potential of Low Chill Peach Breeding
D.H. Byrne (USA)
- 14:30 – 15:00 The Study of the Adaptability and Growth of the Armenian Fruit Tree Varieties in Thailand
H. Hovhannisyan (Armenian)

15:00 – 15:15 BREAK**SESSION III CONTRIBUTED PAPERS- IMPERIAL GRAND HALL PRODUCTION****Chairperson: Narong Chomchalow****Secretary: Oratai Wongmeita**

- 15:15 – 15:35 Role of Carbohydrate and Nitrogen on Auxin Response in Kiwifruit Shoot Cutting
A. Pichakum (Thailand)
- 15:35 – 15:55 Effect of Bioregulators and Hand Thinning on Yield and Quality of Kiwifruit in New Crop for the Himalayas
K.K. Jindal and J.S. Chandel (India)
- 15:55 – 16:15 Temperate Zone Fruits Production in Indonesia
D. Efendi (Indonesia)
- 16:15 – 16:35 Examination of Time of Heating in Forcing Culture of Lower-chilling Peach Selection HKH×FLP3
K. Beppu, S. Yamamoto and I. Kataoka (Japan)
- 16:35 – 16:55 Influence of Pre-harvest Application of Ethephon on Ripening of Pear
W.S. Dhillon, Kulbhushan, S.K. Jawanda and P.P.S. Gill (India)
- 16:55 – 17:15 Effects of Different Arbuscular Michorrhizal Fungi Species on Plantlet Development and Photosynthesis in *D. kaki* Seedlings
M. İncesu, B. Çimen, T. Yeşiloğlu, İ. Ortaş, B. Yılmaz and Ç. Akpınar (Turkey)

17:15 – 18:00 POSTER SESSION**19:00 WELCOME RECEPTION**

27 March 2013**08:00 – 09:00 POSTER SESSION****SESSION IV INVITED PAPERS - IMPERIAL GRAND HALL**

09:00 – 09:30 Breeding of Peach and nectarine for tropical and sub-tropical zone
J. Quan (China)

09:30 – 10:00 Postharvest Handling of Temperate Fruit in the Highland of Northern Thailand
D. Boonyakiat (Thailand)

10:00 – 10:15 BREAK**SESSION V CONTRIBUTED PAPERS - IMPERIAL GRAND HALL
BIOTECHNOLOGY BREEDING AND PHYSIOLOGY**

Chairperson: David H. Byrne
Secretary: Yokthip Sudaree

10:15 – 10:35 Selection of Low-Chill Kiwifruit Adapting to Warm Climate by Utilizing *Actinidia rufa* Native to Southwestern Part of Japan
I. Kataoka, H. Matsumoto, A. Kawano, K. Beppu, M. Ohtani and K. Suezawa (Japan)

10:35 – 10:55 Sex expression in *Diospyros lotus*
R. Tao, H. Morimura, K. Kajita, S. Boonanunt, T. Akagi, and H. Yamane (Japan)

10:55 – 11:15 Extraction of Genomic DNA from Polysaccharide and Phenolic-Rich Leaves of Pomegranate Genotypes in Subtropics
W.S. Dhillon and D. Raina (India)

11:15 – 11:35 An Investigation of Chilling Requirement of Some Scab Resistant Apple Varieties in Po Valley
G.A. Finetto (Italy)

11:35 – 11:55 Assessment of Morphological and Physiological Responses of Peach Rootstocks under Drought and Aluminum Stress
S. Kongsri, U. Boonprakob and D.H. Byrne (Thailand)

11:55 – 13:00 LUNCH

**SESSION VI CONTRIBUTED PAPERS - IMPERIAL GRAND HALL
BIOTECHNOLOGY BREEDING AND PHYSIOLOGY (CONT.)**

Chairperson: Songpol Somsri
Secretary: Uthaiwan Sapkaew

- 13:00 – 13:20 Chilling Requirements of Cherries Grown Under Subtropical Conditions of Adana
A.B. Kuden, S. Comlekcioglu, A. Kuden, B. Imrak, A. Sarier and S. Bayazit (Turkey)
- 13:20 – 13:40 Studies on Shading System in Sweet Cherries (*Prunus avium* L.) to Prevent Double Fruit Formation under Subtropical Climatic Conditions
B. Imrak, A. Sarier, A. Kuden, A.B. Kuden, S. Comlekcioglu and M. Tutuncu (Turkey)
- 13:40 – 14:00 Effects of Different Salinity Levels on Seedlings of *Diospyros kaki* L. and *Diospyros virginiana* L.
B. Çimen, T. Yeşiloğlu, M. İncesuand and B. Yilmaz (Turkey)
- 14:00 – 14:20 KODA, an Oxylipin, Enhanced Dormancy Breaking Effects of Cyanamide on Peach (*Prunus persica*) Buds
H. Yamane, M. Yokoyama and R. Tao (Japan)

14:20 – 14:35 BREAK

**SESSION VII CONTRIBUTED PAPERS - IMPERIAL GRAND HALL
BIOTECHNOLOGY BREEDING AND PHYSIOLOGY (CONT.)**

Chairperson: Unaroj Boonprakob
Secretary: Arunee Jaithung

- 14:35 – 14:55 Pear Dormancy: Effect of Rootstock under Different Chilling Accumulation Conditions
R.S. Louzada, F.G. Herter, J.F.M. Pereira and S.P. Galarca (Brazil)
- 14:55 – 15:15 Photosynthetic Responses of Yaghuoti Grapevine Cultivar to Diurnal Gradual Heat Stress and Salicylic Acid Spray
S. Eshghi, M.J. Karami and E. Tafazoli (Iran)
- 15:15 – 15:35 Physiological Changes under Drought Conditions of Peach Rootstocks Grown in Northern Thailand
A. Pichakum, S. Boonanunt, K. Krisanapook and U. Boonprakob (Thailand)
- 15:35 – 15:55 Studies on the Mechanism of Seedless cv. and Seedlessness in ‘Kyoho’ (*Vitis vinifera* L. x *Vitis labruscana* Bailey) Grapes Induced by Streptomycin
C. Thanarut and Y.S. Yang (Thailand)

**SESSION VIII CONTRIBUTED PAPERS - IMPERIAL GRAND HALL
PLANT PROTECTION POSTHARVEST AND PROCESSING**

Chairperson: Sisir Mitra
Secretary: Warangkana Makkumrai

- 15:55 – 16:15 Relationships between Peach Tree and Rust Disease in Thailand
P. Sikhandakasmita, U. Boonprakob and R. Pongpisutta (Thailand)
- 16:15 – 16:35 Harvest Maturity and Storage Temperature of New Variety “Taichung No.2” Low Chilling Requirement Pear in Taiwan
S.F. Roan, T.B. Haung and C.T. Kuo (Taiwan)
- 16:35 – 16:55 Color Quality Evaluation by Nondestructive Method of Thai Kiwifruit Production
T. Taticharoen, A. Pichakum and R. Rittiron (Thailand)
- 16:55 – 17:15 Novel Processing Options for Remediating Alkyl-Methoxypyrazines in the Juice and Wine of Temperate Zone Fruits
G. Pickering, D. Inglis, A. Botezatu, A-L Beh and E. Humes (Canada)

SESSION IX VALEDICTION- IMPERIAL GRAND HALL

17:15 – 17:30 CONCLUDING REMARKS

Narong Chomchalow
The Chairman of Scientific Committee

17:30 CLOSING REMARKS

Suwit Chaikiattiyos, Deputy Director-General
Department of Agriculture

28 March 2013: STUDY TOUR

08:00 Depart the Imperial Mae Ping Hotel

10:00 – 12:00 Visit the Inthanon Royal Agricultural Station at Ban Khun Klang, Doi Inthanon, Chiang Mai

12:30 – 13.30 LUNCH

14.15 – 16.00 Visit the Royal Agricultural Research Center at Ban Khun Wang, Doi Inthanon, Chiang Mai,

18:00 Arrive at the Imperial Mae Ping Hotel

FORM A

The 9th International Symposium on Temperate Zone Fruits
in the Tropics and Subtropics
26 – 28 March 2013
IMPERIAL MAE PING HOTEL, CHIANG MAI, THAILAND

REGISTRATION FORM

Please type or print clearly and return by **10 MARCH 2013**

Name (Prof., Dr., Mr., Mrs., Ms. Please underline family name).....

.....

Organization and address.....

.....

.....

Country.....

Fax:.....E-mail:.....

Please check in appropriate box.

For ISHS members:

- I have enclosed a registration fee of US\$ 300
My current ISHS member No.is.....

For Non - ISHS members:

- I have enclosed a registration fee of US\$ 375

For Students

- I have enclosed a registration fee of US\$ 200

Please make a bank draft or money transfer payable to “The International Symposium on TZFTS 2013” **Account No. 235-229630-9** (swift code : **SICOTHBK**) Siam Commercial Bank, Kasetsart University Branch, Kasetsart University Campus, Chatuchak, Bangkok 10900. Thailand

Signature:.....

Date:.....

Please return to: The Secretary, The 9th International Symposium on
Temperate Zone Fruits in the Tropics and Subtropics,
Horticulture Research Institute,
Department of Agriculture,
Chatuchak, Bangkok 10900, Thailand.
Tel: 66 (2) 579 0583 ext. 116
Fax: 66 (2) 561 4667
E-mail: tzfts2013@yahoo.com
peyanoot2@gmail.com

FORM C

The 9th International Symposium on Temperate Zone Fruits
in the Tropics and Subtropics
26 – 28 March 2013
IMPERIAL MAE PING HOTEL, CHIANG MAI, THAILAND

HOTEL RESERVATION FORM

Please type or print clearly

Name (Prof., Dr., Mr., Mrs., Ms.).....
Organization and address.....

.....
.....

Country.....

Fax:.....E-mail:.....

Accompanying person (s).....

.....

In case of double room; please name the person wishing to share the room

.....

Tentative Flight, date, time of arrival and departure

Arrive Bangkok: Flight:.....Date:.....Time:.....

Arrive Chiang Mai: Flight:.....Date:.....Time:.....

Depart Chiang Mai: Flight:.....Date:.....Time:.....

Depart Bangkok: Flight:.....Date:.....Time:.....

Please reserve accommodation:

IMPERIAL MAE PING HOTEL

Single room with breakfast @ US\$ 60

Double room with breakfast @ US\$ 70

Check - in Date.....Check - out Date.....

Signature:.....

Date:.....

**Please contact the Reservation Department of the Imperial Mae Ping directly at
www.imperialhotels.com/maeping/**

FORM D

The 9th International Symposium on Temperate Zone Fruits
in the Tropics and Subtropics
26 – 28 March 2013
IMPERIAL MAE PING HOTEL, CHIANG MAI, THAILAND

EXCURSION FORM

Excursion to growing sites on **28 MARCH 2013**

Please type or print clearly

Name (Prof., Dr., Mr., Mrs., Ms. Please underline family name)

.....

Organization and address.....

.....

.....

Country.....

Fax:.....E-mail:.....

Accompanying person (s).....

Total number of persons to join.....

Payment: One-day tour with lunch provided. Free of charge for registered delegates, and US\$ 30 each for accompanying persons. Fee can be paid at the registration desk upon arrival at the Symposium.

Signature:.....

Date:.....

Please return to: The Secretary, The 9th International Symposium on Temperate Zone Fruits in the Tropics and Subtropics, Horticulture Research Institute, Department of Agriculture, Chatuchak, Bangkok 10900, Thailand.
Tel: 66 (2) 579 0583 ext. 116
Fax: 66 (2) 561 4667
E-mail: tzfts2013@yahoo.com
peyanoot2@gmail.com