

THE 2ND INTERNATIONAL CONFERENCE ON AGRICULTURE AND AGRO-INDUSTRY 2014

"FRESH PRODUCE, NOVEL PROCESS AND HEALTH PRODUCT"

Book of Abstracts

NOVEMBER 20-21, 2014















Message from the President

It gives me great pleasure to officially welcome each participant to Mae Fah Luang University and to the Second International Conference on Agriculture and Agro-Industry (ICAAI 2014). Mae Fah Luang University is named in honor of the Princess Mother, whose memorial statue graces the grounds in front of the main building complex. It is acknowledged as being one of the most beautifully landscaped universities in Thailand, and I hope that this environment will inspire the creativity of the scientists here present and also encourage in developing good linkages among the scientists. We also believe that this significant event will foster our University's ambition to become a region hub for international educational exchanges.

I hope that every participant finds that being here helps them to develop collaborations leading to high quality research through the opportunity that it offers to make new contacts at both national and international level, and also across the frontiers between academic, government and private industry research and development. Achieving a flourishing and diverse world agriculture and agro-industry depends upon such contacts at all levels.

I hope that you will also have some opportunity to see something of this region's traditional culture and cuisine, and the historic old city of Chiang Rai.

I am looking forward to enjoying your company and to discovering the achievements that develop from this year's important conference.

Associate Professor Dr. Vanchai Sirichana

President

Mae Fah Luang University

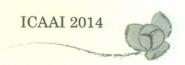




Program

The 2nd International Conference on Agriculture and Agro-Industry 2014
"Fresh Produce, Novel Process and Health Product"
Mae Fah Luang University, Chiang Rai, Thailand
November 20-21, 2014

Thursday, No	ovember 20 th 2014			
Main Session: 0		C5-302		
08.00 - 09.00	Registration and Poster Placement			
09.00 - 09.30	Welcome Remarks by Dr Matchima Naradisorn			
	Welcome and Opening Remarks by Assoc. Prof. Dr Vanchai Sirichana			
	· Group Photo			
09.30 - 10.15	Keynote Presentation 1			
	Fresh Products for Human Health: A High Value Horticultural Opportunit	y?		
	Prof. Dr Julian Heyes Institute of Food, Nutrition and Human Health, Massey University, New Zealand	d		
10.15 - 10.45	Coffee Break / Poster Session / Exhibition			
10.45 - 11.30	Keynote Presentation 2			
	The Potential of ASEAN Health Food Industry towards AEC 2015			
	Dr Pisuth Lertvilai Multibax Public Company Limited, Thailand			
11.30 - 12.00	Invited Speaker			
	Insight into the Property and Behavior of Saccharides in Amorphous State			
	Prof. Dr Sundaram Gunasekaran Department of Biological Systems Engineering, University of Wisconsin-Madis	on,		
	United States of America			
12.00 - 13.00	Lunch / Poster Session / Exhibition			
Concurrent Ses	sions: 13.00 - 17.40			
	Session 1: Fresh Produce Handling and Management	C5-318		
	Session 2: Novel Food Processing Technology	C5-302, C5-318		
	Session 3: Health Food Product	C5-319, C5-320		
	Session 4: Others	C5-320		
15.10 - 15.30	Coffee Break / Poster Session / Exhibition			
17.40 - 18.00	Poster Session / Exhibition			
18.00 - 21.00	Welcome Reception			
20.00				



C5-302

Friday, November 21st 2014

Main Session: 08.30 – 09.15

08.30 - 09.15 Keynote Presentation 3

Novel and Emerging Technology in Food and Biomaterial Processing

Prof. Mohammad Shafiur Rahman

Department of Food Science and Nutrition, College of Agriculture, Sultan Qaboos University,

Sultanate of Oman

Concurrent	Seccione	Continued.	09 15 -	12 00

Session 2: Novel Food Processing Technology

C5-302,

C5-318

Session 3: Health Food Product

C5-319.

Session 3: Health Food Product C5-319,

10.25 - 10.40 Coffee Break / Poster Session / Exhibition

12.00 - 12.15 · Student Presentation Awards

· Closing Remarks

12.15 - 13.00 Lunch

13.00 - 18.00 Post Conference Excursions