

2nd announcement for ANS2016

ANS2016

and the 32nd NIR Forum

Asian NIR Symposium 2016 (The 5th Asian NIR Symposium) and the 32nd Japanese NIR Forum is co-hosted by the Asian NIR Consortium and the Japan Council for Near Infrared Spectroscopy

November 30 - December 3, 2016

Hotel Shiroyama, KAGOSHIMA, JAPAN

Important dates

June 30, 2016

Deadline for abstract submission

August 31, 2016

Deadline for Early-registration

Deadline for full article submission

October 31, 2016

Deadline for Late-registration

(after this day, we will accept only onsite registration)

JCNIRS



Organizing Committee

Asian NIR Consortium

Chairperson

Sumio Kawano (Kagoshima University, Japan)

Representatives and correspondents of member countries

China

Hongfu Yuan (Beijing University of Chemical Technology)

Donghai Han (China Agricultural University)

Japan

Jun Uozumi (Hokkai-Gakuen University)

Akifumi Ikehata (Food Research Institute, NARO)

Korea

Rae Kwang Cho (Kyungpook National University)

Hoeil Chung (Hanyang University)

Thailand

Thongchai Suwonsichon (Kasetsart University)

Sumaporn Kasemsumran (Kasetsart University)

India

Venkateswaran Venkataraman (Central Electronics Engineering Research Institute)

Secretariat Office

Secretary-General

Satoru Tsuchikawa (Nagoya University, Japan)

Secretary

Sirinnapa (Mui) Saranwong (Bruker, Korea)

JCNIRS committee

Sumio Kawano (Kagoshima University, Japan)

Tsuyoshi Miura (*Former* Bruker Optics, Japan)

Satoru Tsuchikawa (Nagoya University, Japan)

Akifumi Ikehata (Food Research Institute, NARO)

Sirinnapa (Mui) Saranwong (Bruker, Korea)

Mitsuhiro Miyazawa (Institute of Agrobiological Sciences, NARO)

Masao Takayanagi (Tokyo University of Agriculture and Technology)

Reiji Sekiguchi (Japan Food Research Laboratories)

Minoru Chiba (Japan Grain Inspection Association)

Greeting from Asian NIR Consortium

I am glad to invite you to attend the 5th Asian NIR Symposium (The ANS2016 and The 32nd Japanese NIR Forum). The Symposium will be held in Kagoshima city, Japan from November 30 to December 3, 2016. The meeting is co-organized by the Asian NIR Consortium (ANC) and the Japan Council for Near Infrared Spectroscopy (JCNIRS).

Asia is one of the most important territories in the international NIR community. Over the past decades, several international conferences under the auspices of The International Council for NIR Spectroscopy (ICNIRS) were held in this continent including The 2nd Conference in Japan (1989); The 10th Conference in Korea (2001); and the 14th Conference in Thailand (2009). For sure, more international conferences shall be organized in this area.

Back in 2006, the ANC was established as a consensus among participants from China, Japan, Korea and Thailand during the Japan-Korea Joint Symposium on NIR Spectroscopy that was held in Seoul, Korea. One of specific missions of the consortium is to promote the communication and transfer of knowledge and know-how on NIR Spectroscopy among Asian countries through the organization of the Asian NIR Symposium (ANS).

Over the past eight years, we have rotated the host cities of the ANS to Tsukuba, Shanghai, Bangkok and Daegu. The Symposium had been serving as a great platform to strengthen the collaboration between researchers in Asia. On top of that, the Consortium is not limited as its members to the original four countries but open to all other Asian counties.

As for the venue, Kagoshima city is the southernmost city of Kyushu island; it is a beautiful city with an active volcano called Sakurajima. We are looking forward to welcoming you to our Symposium and our exotic city where both great academic experience and delightful memory are awaiting.

Sumio Kawano (Dr.)
Chairperson
Asian NIR Consortium (ANC)



Overall Program November 30- December 3, 2016

Wednesday, November 30

- 13:00-16:30 Short Courses J (in Japanese, at Kagoshima Univ.)
- 13:00-16:30 Short Courses E (in English, at Hotel Shiroyama)
- 15:30-19:00 Registration at Hotel Shiroyama

Thursday, December 1 (Hotel Shiroyama)

- 07:30-08:30 Registration
- 08:30-08:35 Opening address by Chairperson of the ANC
- 08:35-09:20 Keynote lecture (Tom Fearn, University College London, UK)
- 09:20-09:45 Invited lecture by (Suming Chen, National Taiwan University, Taiwan)
- 09:45-10:15 Coffee break and exhibition
- 10:15-10:25 Ceremony for JCNIRS Award
- 10:25-10:50 Lecture from the winner of JCNIRS Award
- 10:50-11:35 Poster presentation
- 11:35-13:00 Lunch
- 13:00-15:00 Company presentations
- 15:00-15:30 Coffee break and exhibition
- 15:30-17:00 Oral presentation (No.1 – No.6)
- 17:00-17:30 General meeting for Asian NIR Consortium (in English)
- 17:30-17:50 General meeting for JCNIRS (in Japanese)
- 18:30-21:00 Banquet

Friday, December 2 (Hotel Shiroyama)

- 07:30-08:30 Registration
- 08:30-08:40 Ceremony for NIR Advance Award
- 08:40-09:05 Lecture from the winner of NIR Advance Award, No. 1
- 09:05-09:30 Lecture from the winner of NIR Advance Award, No. 2
- 09:30-10:30 Oral presentation (No.7 – No.10)
- 10:30-11:00 Coffee break and exhibition
- 11:00-11:45 Poster presentation
- 11:45-13:00 Lunch
- 13:00-13:25 Invited lecture by (Zhu Ying, Nanyang Technological University, Singapore)
- 13:25-14:25 Oral presentation (No.11 – No.14)
- 14:25-14:55 Coffee break and exhibition
- 14:55-16:25 Oral presentation (No.15 – No.20)
- 16:25-16:35 Best Poster Award
- 16:35-16:50 Closing ceremony

Saturday, December 3

08:30-17:00 Post conference one day tour. The study tour inclusive of

- All transportation from and to Shiroyama hotel
- Luncheon
- 3 visits to:

(a) One black vinegar factory. The black vinegar is called “Kurozu” in Japanese and very popular as health food manufactured in Kagoshima area.

(b) One Japanese spirit brewery. The brewery is manufacturing spirit called “Shochu” which is distilled beverage made from sweet potato, also famous in Kagoshima area.

(3) The Sengan-en which is a Japanese garden declared as the UNESCO World Heritage Site.

The detail schedule will be uploaded on the website.

Keynote Speaker and Invited Speakers

Prof. Tom Fearn

University College London, UK

Tom Fearn is a Professor of Applied Statistics at University College London (UCL), UK, where he is currently a Head of the Department of Statistical Science. Before joining UCL in 1989 he worked for the Flour Milling and Baking Research Association (FMBRA) at Chorleywood, where he first began to calibrate NIR instruments (a 6-filter InfraLyser 2.5) in 1978. His interest in NIR and in chemometrics more generally has continued to the present. As well as 140 or so papers his publications include joint authorship of the books “Practical NIR Spectroscopy” with Osborne and Hindle, and “A User Friendly Guide to Multivariate Calibration and Classification” with Næs, Isaksson and Davies. He is a Chemometrics editor of the Journal of Near Infrared Spectroscopy and writes the Chemometric Space column in NIR News. He received the Tomas Hirschfeld award for contributions to near infrared spectroscopy in 2001 and has been elected by the member of the International Council for Near Infrared Spectroscopy (ICNIRS) as Chair-Elected since October 2016.



Invited Speakers

Prof. Suming Chen

National Taiwan University, Taiwan

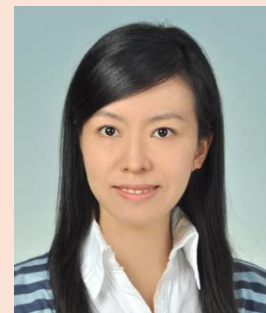
Suming Chen is a Professor of Dept. of Bio-Industrial Mechatronics Engineering at National Taiwan University, where he is currently an Associate Dean of College of Bioresources and Agriculture and a Director of Taiwan Agricultural Mechanization Research and Development Center. After his graduation from National Taiwan University, he went to the US universities and took an MSc in Bio. and Agricultural Engineering from Rutgers University, and an MSc in Chemical Engineering and PhD in Bio. and Agricultural Engineering from University of California, Davis. He is promoting a wide range of research; Automation in Agriculture, Remote Sensing and Spectra Analysis, Physical Properties of Biomaterials, Computer Simulation and Control, Renewable Energy, and so on. In the 18th World Congress of CIGR which was held 2014 in Beijing, China, he was one of keynote speakers. He is one of worldwide famous researchers in Agricultural Engineering.



Asst. Prof. Zhu Ying

Nanyang Technological University, Singapore

Ying ZHU is an Assistant Professor in the Department of Mathematics and Mathematics Education of National Institute of Education at Nanyang Technological University (NTU), Singapore. She took a BSc in Statistics and Probability from Fudan University, an MSc in Applied statistics from University of Oxford and a PhD in statistics from University College London (UCL). She has also got industry experience at ACNielsen and PricewaterhouseCoopers (PwC) as statistician and senior analyst. Her research interests include multivariate classification of high-dimensional spectroscopic data and image processing. She has been working on developing these statistics methodologies with applications to biomedical areas, such as herbal medicine discrimination and early cancer diagnosis.



Pre-registration

A pre-registration to the ANS2016 is highly encouraged (onsite registration is possible but not recommended). Please note that the Symposium registration and the abstract submission are totally separated process.

Early-registration: June 1, 2016 -August 31, 2016

Late-registration: September 1, 2016 - October 31, 2016

Onsite registration: November 30, 2016 – December 2, 2016

Currency Unit: Japanese Yen (JPY)

	Regular		Student		Accompany person	
	Early	Late, Onsite	Early	Late, Onsite	Early	Late, Onsite
Short course E (in English) ^{*1}	3,000	5,000	3,000	5,000		
Short course J (in Japanese) ^{*1}	3,000	5,000	3,000	5,000		
Symposium registration ^{*2}	40,000	45,000	30,000	35,000	5,000	5,000
Post Conference Tour ^{*3}	6,000	8,000	5,000	7,000	6,000	8,000

^{*1} The short course in Japanese and in English will be run in parallel period at different locations; therefore, you must choose one course. The registration fee is inclusive of course materials.

^{*2} Inclusive of breaks and luncheons during December 1-2; Banquet; Symposium proceedings and materials

^{*3} Inclusive of transportation charge, admission tickets, luncheon and refreshments.

Payment Methods

There are two ways for the payment.

(1) **By credit card via PayPal.** If you have a PayPal account, please remit the registration fee by indicating the receiver as "ANS2016". The email of the receiver shall be "office@ans2016.org". Online Payment form will be available until October 31, 2016. After this day, we will accept only onsite registration.

(2) **By bank transfer.** This is not encouraged due to high bank transaction fee incurred. The participants shall be responsible for all the fee both from originated country and for Japanese bank. If it is your wish to pay by bank transfer, please contact us at office@ans2016.org for invoicing.

Call for Abstracts

Please submit your abstract by June 30, 2016 through the following website.

<http://ans2016.org/submission.html>

We are welcoming all kinds of research dealing with NIRS and its applications. The tentative sessions are as follows;

Agricultural, Food, Pharmaceutical, Medical, Polymer, Chemistry, Basic Science, Advance Technology, NIR Instrument, Environment, Chemometrics, etc.

Oral Presentation

Selection of oral presentation will be based on originality, innovation and state of development of the research (not a review article). Approximately, 20 Oral presentations will be selected. The result of oral acceptance will be sent to each author by July 11, 2016. Oral presentations are scheduled to last 15 minutes, 11 minutes of presentation, 3 minutes for question and 1 minute for computer operation. All oral presentation should be in MS PowerPoint format (ppt, pptx). The file must be submitted at least 2 hours prior to the presentation. Speaker can bring the file with a USB memory to Media counter or e-mail it to office@ans2016.org.

Poster Presentation

The result of poster acceptance will be sent to each author by July 11, 2016. An area of 90 cm (W) x 130 cm* (H) will be provided for each poster (A0 portrait size is recommended). Push pins will be provided at the registration desk. (*The height of the panel is 210cm.)

Full article submission

Once receiving the notice of acceptance, please submit your full article through online submission site during the period of Aug 1 - Aug 31, 2016. You are invited to submit a full article on A4 size paper within 2 pages (in MS Word format). The template file can be downloaded from the ANS2016 website.

General Information

Accommodation: The Symposium organizer is making an arrangement with Hotel Shiroyama for special room rate. Reservation can be made using our form provided on the ANS2016 website. Reservations of the other hotels in the city are also available through the website.

Invitation Letter: Invitation letter (in English) indicating referenced number will be sent to each participant. The request for invitation letters should be made by e-mail to the symposium secretary (office@ans2016.org).

Language: The official language of the Symposium will be English except for “Short Course J (in Japanese)” which will be held in Kagoshima University.

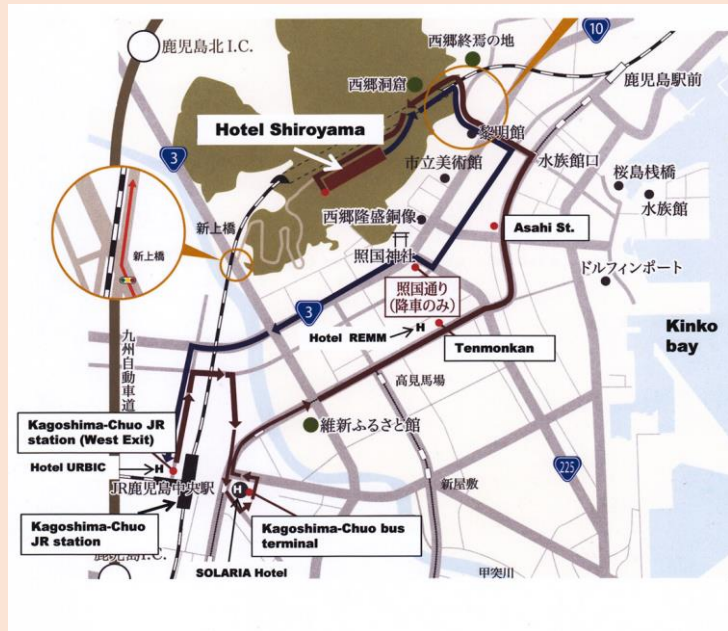
Climate: In the dates of ANS2016, outside air temperature in Kagoshima area will range from 5 to 15°C.

Electricity: The electrical current in Kagoshima is AC100V/60Hz (plug type A).

Internet: Wi-Fi service is available in Hotel Shiroyama.

Information about KAGOSHIMA: Please visit the website of Kagoshima Convention & Visitors Bureau (<https://www.kagoshima-yokanavi.jp/english/index.html>).

Access



From Kagoshima Airport to Kagoshima-Chuo (central) Bus Terminal (downtown)

Airport shuttle buses are available from Kagoshima Airport to Kagoshima-Chuo bus terminal almost every 10 minutes. Travel time is about 60 minutes. The fare is 1,250 JPY per person.

From Kagoshima-Chuo JR Station (West Exit) to Hotel Shiroyama

You can use free shuttle bus service from a number of places in downtown Kagoshima to **Hotel Shiroyama**. The free shuttle buses leave Kagoshima-Chuo JR Station (West Exit) and pick up at Kagoshiima-Chuo bus terminal, Tenmonkan, and Asahi St. before arriving at **Hotel Shiroyama**.

Detailed information: <http://www.shiroyama-g.co.jp.e.bk.hp.transer.com/>

Secretariat Office

Secretary general: Prof. Satoru Tsuchikawa
System Engineering for Biological Resources,
Graduate School of Bioagricultural Sciences,
Nagoya University

Furo-cho, Chikusa-ku, Nagoya , 464-8601, JAPAN

Tel: 81-52-789-4157, Fax: 81-52-789-4157

E-mail: office@ans2016.org