

The First Asian NIR Symposium

The 24th Japanese NIR Forum

10-14 November, 2008

Tsukuba International Congress Center (Epochal), Tsukuba city, Japan

ASIAN
NIR
CONSORTIUM

Invited speakers

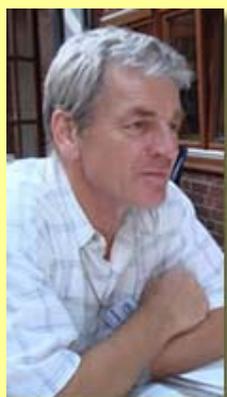
Keynote speaker: Peter Flinn (Kelspec Services, Australia)

Mr. Peter Flinn worked for the Victorian Department of Primary Industries (formerly the Department of Agriculture) at the Pastoral and Veterinary Institute, Hamilton for 33 years until November 2003. He was responsible for the development and implementation of the NIR technique for a range of research and commercial applications on agricultural products, and was a pioneer in the use of NIRS in forage and the feed analysis in Australia. He initiated the Department's successful FEEDTEST® business, which has grown to become the leading service of its type in southern Australia.



Peter graduated from the Royal Melbourne Institute of Technology with a Diploma of Applied Chemistry in 1969, and obtained a Master of Science degree on NIR from the University of Aberdeen, Scotland, in 1991, supervised by Ian Murray. Peter has chaired the Australian Near Infrared Spectroscopy Group (ANISG) since its formation at Hamilton in 1988. This Group has organised 12 successful NIR conferences and workshops around Australia. Peter was also Co-Chairperson of the organising committee for the NIR-94 conference at Lorne, Victoria, in 1994, and was Treasurer of the International Council for Near Infrared Spectroscopy (ICNIRS) for 10 years. He is currently the Chairperson of ICNIRS, for a four-year term ending in 2009. In November 2003 Peter started his own company (Kelspec Services Pty Ltd) to provide technical support in the establishment, monitoring, updating and networking of NIR calibrations for the measurement of feed quality. He is still involved with FEEDTEST® and various Australian and international research projects.

Special speaker: Graeme Batten (Sea Spec Pty Ltd, Australia)



Graeme Batten studied crop nutrients for a PhD at the Australian National University. Soon after resuming his career with the State Department of Primary Industries he began to use near infrared spectroscopy. His initial work was to apply NIR analyses to assess nutrients in rice crops to improve crop fertilizer management. The scheme he developed is still widely used by the Australian rice industry. As a Program Leader in a Cooperative Research Centre for Sustainable Rice Production Graeme established links with Charles Sturt University and The University of Sydney. He taught at Charles Sturt University from 2000 to 2005 and is now an Honorary Professor at both Universities.

Graeme has now edited 2 books, published chapters in 4 books, over 50 peer-reviewed papers and over 80 published conference papers plus numerous articles in the extension literature. In 1994, he was invited to be the Australasian Editor for the Journal of Near Infrared Spectroscopy. Since 1995 he has been the Secretary of the Australia NIR Spectroscopy Group (ANISG) and Australasian editor for NIR news. In 2004 he replaced Tony Davies as Editor-in-Chief of the Journal of Near Infrared Spectroscopy.

Graeme formed the company Sea Spec Pty Ltd with his wife Lyn in 2005 and continues to work from home. He lectures to agronomy students and continues to research NIR applications with a focus on plant nutrition. He understands the importance and the challenges associated with publishing research findings. He is keen to assist authors progress their papers through the peer-review process.

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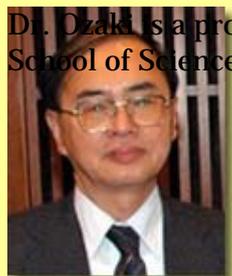
Country representatives

China: Hongfu Yuan (Beijing University of Chemical Technology)

Dr. Hongfu Yuan is a professor in the College of Materials Science and Engineering, and a director of Analysis Test center, Beijing University of Chemical Technology. From 1993, he has focused his research works on the development of NIR instruments and their applications in industries. The products developed from the researches done by his group have been widely used in China. He plays an important role in the development of NIR discipline in China and the establishment of Chinese Society for NIR. At present, he is the President of the Chinese Society for NIRS.



Japan: Yukihiro Ozaki (Kwansei Gakuin University)



Dr. Ozaki is a professor in the Department of Chemistry, School of Science and Technology, and a Dean of School of Science and Technology, Kwansei Gakuin University. His research program has been concerned with basic studies and applications of IR, Raman, and NIRS, especially their applications to functional materials such as organic thin films, liquid crystals, polymers, and nano-materials. For the NIRS community, he has got a number of prestige awards including Tomas Hirschfeld Award, EAS Award and Gerald Birth Award. At present, he is also holding a position of President for the Japan Council for NIRS.

Korea: Rae-Kwang Cho (KyungPook University)

Dr. Cho started working with NIRS when he came to work at National Food Research Institute (NFRI), Japan in 1981 with Dr. Mutsuo Iwamoto. After that, he continued working with NIRS and achieved a doctor degree on the usage of NIRS for understanding Millard reaction. He was the chairperson for the 10th International Conference of NIRS held in Korea in 2001 and the co-chair for the Japan-Korea Joint Symposium on NIRS. He plays a major role in establishment of Korea Society for NIRS and now acting as the President of the Society.



Thailand: Vichai Haruthaithanasan (Kasetsart University)



Mr. Vichai is the Director of Kasetsart Agricultural and Agro-Industrial Product Improvement (KAPI), Kasetsart University and the chairperson for the coming event "The 14th International Conference of Near Infrared Spectroscopy: NIR2009-Breaking the Dawn". The meeting will be held in Thailand during Nov 7-16, 2009. His major research interest is on the bio-processing technology. He was the key person who supported the establishment of the Nondestructive Quality Evaluation Unit which is now become the center of NIRS technology in Thailand. In 2004, he was the co-chair for the Japan-Thailand Joint Symposium on Nondestructive Evaluation Technology which was held in Bangkok, Thailand.

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