



APFAN
in association with
the Indonesian Food Analysis Network (IFAN) and
the Asosiasi Laboratorium Pangan Indonesia (ALPI)
presents:

Trends in Quality Management - Improving Your Laboratory's Proficiency

A Three-Day Workshop from
Wednesday 25th to Friday 27th July 2018

Holiday Inn Jakarta Kemayoran
Jalan Griya Utama
Sunter
Jakarta
INDONESIA

WELCOME TO JAKARTA, INDONESIA

On behalf of the APFAN Committee, I welcome you to Indonesia's capital. Jakarta is an eclectic mix of cultures with thousands of restaurants and inexpensive street food offering many choices. Jakarta shopping opportunities are many, with modern malls interspersed with traditional markets. The Workshop venue is ideally located adjacent to the 18-hole Kemayoran Golf course and minutes' drive to shopping and culinary havens of Kelapa Gading and Mangga Dua as well as the famous Dunia Fantasi theme park in Ancol, which features seaside water parks, beaches and amusement rides. The main Jakarta sights include Monas National Monument in Merdeka square. Or get away from the hustle and bustle to Taman Mini Indonesia Indah, a suburban park celebrating Indonesia's rich culture through museums and dance and film.

APFAN is a special project of the Federation of Asian Chemical Societies (FACS) and was formed at the Third Asian Chemical Congress in Brisbane in 1989. The aim of APFAN is to serve the needs of food analysts and thereby promote food quality and safety and good nutrition. This is achieved by promoting and supporting (reliable) food analysis laboratories in the region, indirectly contributing to the improvement of regional food security.

The goal of the current APFAN project is to provide laboratories in the Asia Pacific region access to inexpensive PT trials in order to assess their performance compared to their peers. By focusing on the practical aspects of the ISO/IEC 17025 Standard, Proficiency Testing, and Workshops, this project will assist participants to identify, assess and implement actions that address any technical shortfalls of their organisations.

Many thanks go to the organisations and individuals who have contributed to the success of the APFAN project so far, in particular, Charoen Pokphand Group (CP) and PT. Indofood CAP Sukses Makmur Tbk for preparation of the PT1 test materials. I am also happy to advise that Agilent Technologies is a Silver Sponsor for this Workshop and other APFAN activities in 2018.

I look forward to further cooperation with you in the remaining activities of the current APFAN project and beyond as we realize our goal, which is to improve the proficiency and capabilities of food testing laboratories in the Asia Pacific region, enabling the participants to improve their methodologies and adopt a more uniform approach to regional food analysis.

Yours sincerely

A handwritten signature in black ink, appearing to read 'F. G. Winarno'.

Prof. Dr. F. G. Winarno
COORDINATOR

APFAN (ASIA PACIFIC FOOD ANALYSIS NETWORK)
Email: fgwinarno@yahoo.com

INTRODUCTION

To meet international expectations, organizations involved in laboratory testing need to be accredited to relevant international standards. Laboratories need to be aware of the recently updated versions of the ISO 9001 and the ISO/IEC 17025 Standards. The basic principles of these standards include corrective and preventive action and continuous improvement. Continuously improving a laboratory's proficiency involves a number of activities including staff training on method validation, measurement uncertainty, calibration, instrumental techniques, laboratory safety, and problem solving. The main measure of a laboratory's proficiency is its satisfactory performance in Proficiency Testing (PT).

APFAN is currently running a three-phase project entitled '*Low-Cost Analytical Proficiency Testing (PT) to Improve Food Laboratory Analyses in the Asia Pacific Region*' and has recently completed its APFAN PT1 trial where samples of rice flour and fish meal materials were distributed free of charge to 91 participant laboratories in Australia, Indonesia, Fiji Islands, Malaysia, Myanmar, the Philippines, Thailand, the USA and Vietnam. Results have been statistically assessed to the ISO 13528:2015 Standard and laboratories have been encouraged to review their results, including measurement uncertainties, z scores, E_n scores and the methodologies used. This Workshop will discuss these PT1 results in more detail, to highlight any common problems, as well as discussing new developments in international quality systems standards and food analysis.

AIMS

Food analysis is vital to food quality, food safety and food trade. Accurate chemical and microbiological analyses and regional equivalence of laboratory standards are essential and critical for policy development, monitoring regulatory standards, health advancement, and hence for regional social and economic development.

To meet international expectations, laboratories in the Asia Pacific region involved in the testing of food commodities need to be accredited to the ISO/IEC 17025 international standard. Accreditation agencies require analytical laboratories to participate in appropriate PT schemes to help laboratories detect and cure any unacceptably large inaccuracies in their reported results through modifying their methodologies. However, participation in PT studies can often be expensive, with limited opportunity for follow-up to allow outlier laboratories to look more closely at their results.

The current APFAN project has produced low-cost PT1 test materials that have been distributed free of charge to participant laboratories. The objective of this Workshop is to provide delegates with the latest information on the accreditation requirements of the recently updated ISO 9001 and ISO/IEC 17025 Standards to improve their working knowledge of management systems. The Workshop will use a practical approach to enable you to take and apply these new skills in your workplace. The Workshop will take you through the most important principles of analytical methods and their verification and validation. The Workshop will also provide the opportunity to discuss topical issues with colleagues in an effort to continuously improve your laboratory's proficiency. Importantly, the pitfalls in PT participation will be outlined to ensure your laboratory maximizes its chance of getting satisfactory results each time.

DELEGATES

The workshop will be of value to:

- **Chemists, microbiologists and technical specialists;**
- **Laboratory managers and senior analysts;**
- **Junior analysts and technicians;**
- **Students;**
- **Educators and researchers;**
- **Food and environmental consultants;**
- **Quality managers;**
- **Staff of accredited laboratories;**
- **Staff of non-accredited laboratories; and**
- **Government regulatory departments.**

THE SPEAKERS

International Speakers, including from Australia and Thailand, will present papers at this Workshop, bringing the latest knowledge of management systems and risk management as well as the conducting of and interpretation of PT schemes. But most importantly, delegates have the opportunity to present papers and discuss topics themselves to make the Workshop truly participatory.

SPONSORSHIP

Sponsorship Packages are available. Please contact us for more information.

REGISTRATION AND CALL FOR PAPERS

Please register your interest in participating in the Workshop by sending the completed pre-registration form to the Deputy Coordinator APFAN at email: stewart@sonnedge.com.

Get in early as numbers may be limited. Don't be left behind.

FEES

Three Day Workshop	2,000,000 IDR	(or \$200 AUD or \$170 USD)
Single Day Registration	750,000 IDR	(or \$75 AUD or \$70 USD)

The Workshop fee covers entry, morning and afternoon teas and lunch each day, as well as program materials.

Options for payment will follow once you have pre-registered.

ADDED BONUS

- Each delegate will be given a set of the PT2 proficiency testing materials free of charge, for the second stage of the APFAN project.
- Added bonus of a chance to win free registration at the 2nd International Conference on Food Analysis (2nd ICFA) to be held in Melbourne, Australia in November 2018.

ACCOMMODATION

Many hotels are available in Jakarta close to the venue or at the venue itself (see <https://www.ihg.com/holidayinn/hotels/gb/en/jakarta/jtky/hoteldetail#>), to cater for a range of styles and budgets.

FURTHER INFORMATION

For more information, please contact: Mr Stewart Jones
Deputy Coordinator
APFAN
Email: stewart@sonnedge.com
Phone: +61 403 808 982

"Trends in Quality Management - Improving Your Laboratory's Proficiency" A THREE DAY WORKSHOP

PRE-REGISTRATION FORM

NAME _____

ORGANISATION _____

ADDRESS _____

TELEPHONE _____

EMAIL _____

I WOULD LIKE EXPRESS MY INTEREST TO:

- Attend as a Delegate and present a Paper(s). The title(s) of my Paper(s) will be:

- Attend as a Delegate and raise a Discussion Topic(s). The title(s) of my Discussion Topic(s) will be:

- Attend as a Delegate.
- Get some more information about Sponsorship.

PAYMENT OF \$ _____ WILL BE MADE

SIGNATURE _____