

From the First Editor
Dilmani Warnasuriya, C.Chem.
(Editor from 1984 -1986)



Much water has passed under the bridge since the first issue of Chemistry in Sri Lanka was published in 1984. When asked to write a few words on the occasion of the Silver Jubilee of Chemistry in Sri Lanka as the first Editor, I thought it would be apt to review the progress of the publication during the last twenty five years.

To start on a positive and indisputable note, on observing the physical attributes and general appeal of the journal, vast strides have been made throughout the years. Sophisticated printing techniques have imparted an aesthetically appealing publication, with advanced formats, interspersed with colour photographs. Another welcome change is the reduced advertising material, which in the early years, were an integral part of the publications. In the later issues, advertisements have been mainly limited to the cover pages, imparting a more professional image. Statistically put, the advertisement material has been halved in later issues. With regard to the publication material itself, electronic documentation has replaced the manual handwritten script. The numerous phone calls calling for the script of articles from the authors, have been made redundant, communications being carried out through e-mail with even the copies of articles being submitted electronically. Indisputably, technology has made life much easier for the editor.

With regard to the content, the title of 'Chemistry in Sri Lanka' has the connotation that it incorporates the developments of chemical sciences in the country. In fact the first editorial of this publications states "*the literature of chemistry has in fact been described as a great inspiring mountain with a core of rich ore. It is inspiring because the work of great chemists is recorded there. The present journal Chemistry in Sri Lanka has been brought out with the hope that it will in time, be a miniature of that mountain, that its core will be the work of our eminent chemists, recorded for posterity*". Twenty five years is a long enough period for us to assess whether or not this laudable objective

has been achieved, and if so to what extent. Presently, the scientific matter is somewhat limited to addresses delivered at Institute functions and award winning papers. While this should be an essential component of the publication, and indeed was intended to be so, perhaps more articles of a research nature would help in bestowing the insignia of a scientific journal. Provision of some incentives, such as launching of an award for the most original research paper published, might be one way of increasing the scientific content of the publication.

However, one must also keep in mind that being one of the most dynamic and active professional organizations in the country, in addition to being a leading non governmental degree awarding educational institute, there should be some forum to disseminate information on the diverse activities of the Institute, and the journal served the purpose very effectively. A policy decision could perhaps be taken on the anticipated role of this publication. Is it expected to reflect the research activities of our chemists and be a core journal of chemistry in the country, or is to be a general publication of the Institute, giving the educational and administrative activities in addition to the scientific input? When doing so, it must also be borne in mind that in the case of other scientific journals, the services of a full time editor is made available, while in the case of our Institute, the Editorship is an honorary post, and is most often taken by those employed full time in other Institutions. The issuing of the publication in its present form, is in itself an onerous task, and in my view it is not possible or fair to expect more from anyone in such a post.

To my mind Chemistry in Sri Lanka has fulfilled one of the most important functions of any Institute. It has built up a comprehensive historical record of the Institute's activities, from the inception of the journal, and this is by no means an easy feat. The editors during the past years have done yeoman service in bringing out the journal regularly, without a break and need to be congratulated for their dedication. It is my wish that Chemistry in Sri Lanka will grow from strength to strength and become, in time, the most prestigious journal in the country in the field of chemical sciences.

Adamantane House Hall Hire Charges

PPGL Siriwardene Auditorium and J N O Fernando Hall can be hired for Seminars, Workshops etc. Hire charges are as follows:

PPGL Siriwardene Auditorium (with Multimedia)
Rs. 10,000/- (1 day with Air Conditioning)
Rs. 8,000/- (1 day without Air Conditioning)

J N O Fernando Hall
Rs. 5,000/- (1 day with Multimedia)

International Symposium on Innovations in Food Science and Technology and Healthcare for Social Well-being

Date: 12th-14th June 2008

Venue: BMICH, Colombo

Symposium on Innovation in Chemical Sciences for Well-being will be held during the 37th Annual Sessions of the Institute of Chemistry. Eighteen world renowned scientists will deliver resource presentations. In addition twelve research papers will be delivered.

Objectives

- To provide a learning opportunity to Sri Lankan scientists, Industrialists
- To provide a platform for interaction to share knowledge and experience with world experts
- To develop and foster research opportunities contributing towards the country's social well-being.

Highlights

Keynote Address- The role of food science and technology in an aging society with the progress of globalization by Professor Akinori Noguchi, *Professor of Food Science, Ishikawa Prefectural University, Japan*

Food

- Consumer health and well-being, the challenge for the food industry
- Micro/nanotechnology for food and food processing
- Fats and oil for healthy life, trends in food formulation
- Food safety and supply chain innovations
- Bio-pesticides
- Applications of NIR technology for food safety
- Innovations in post harvest technology
- Development of quality tracing system of fresh produce

Health

- Innovations in chemical sciences on healthcare diagnostics
- Herbal/natural products for health care
- Developments in chemical sciences in treatment of diseases
- Innovative approaches of appropriate diet formulations in nutrition support/critical case
- Development of phyto pharmaceuticals for health care
- Natural product research for treatment of cancer
- Natural product based nutraceuticals

Resource Personnel

Food

- 1 Professor Sumio Kawano, *Head, Non-destructive Evaluation Laboratory, National Food Research Institute, Japan*
- 2 Dr Sada Nand Lal, *Research Scientist/Coordinator, Pesticide Research Secretariat of the Pacific Community, Fiji*
- 3 Professor Mitsutoshi Nakajima, *Professor, Bio-resource Laboratory, Appropriate Technology and Science for Sustainable Development, University of Tsukuba, Japan*
- 4 Eng Jayantha Sellahewa, *Deputy Director, Innovative Food Centre and Executive Officer, Science Executive CSIRO, Food Science Australia, Australia*
- 5 Dr Chakra Wijesundera, *Principal Research Scientist and Stream Leader for Lipid Research, CSIRO, Food Science Australia, Australia*
- 6 Dr Lisa Szabo, *Chief Scientist, Food Authority, New South Wales, Australia*
- 7 Professor Upali Samarajeewa, *Head, Dept of Food Science, University of Peradeniya, Sri Lanka*
- 8 Professor Linus Opara, *Associate Professor, Agricultural and Post-harvest Technology, College of Agriculture & Marine Sciences, Sultan Qaboos University, Sultane of Oman*
- 9 Dr Takeo Shiina, *Head, Distributing Engineering Laboratory, National Food Resource Institute, Japan*

Health-care

- 10 Professor Iqbal Choudhary, *Director and Professor of Chemistry, HEJ Research Institute of Chemistry, International Centre for Chemical Sciences, Pakistan*
- 11 Professor Lal Chandrasena, *Professor of Biochemistry, Medical Faculty, University of Kelaniya and Director Laboratories, Nawaloka Hospitals Ltd, Sri Lanka*
- 12 Professor L M V Tillekeratne, *Professor, Department of Medicinal and Biological Chemistry, College of Pharmacy, University of Toledo, USA*
- 13 Dr David Newman, *Chief, Natural Products Branch, National Cancer Institute, USA*
- 14 Professor P Pushpangadan, *Director General, Institute for Herbal Bio-tech Products Development, Kerala, India*
- 15 Professor K Husnu Can Baser, *Professor of Pharmacognosy, Faculty of Pharmacy, Anadolu University, Turkey*
- 16 Professor K K Bhutani, *Professor, Dean, National Institute of Pharmaceutical Education & Research India, Chandigarh, India*
- 17 Prof Varsha Tarvady, *Executive Director, Parvatiben Tri kamjic Bhatt Gujarata Sahayakri Hospital, India*

Inauguration of International Symposium on "Innovations in Food Science and Technology and Healthcare for Social Well-being" 2008

Date - Thursday 12th June 2008

Venue: BMICH

4.00 - 4.30 pm	Arrival of Guests
4.30 - 4.35 pm	Traditional lighting of oil lamp and National Anthem
4.35 - 4.45 pm	Welcome Address Dr Nandanie Ediriweera, <i>C.Chem., President, Institute of Chemistry Ceylon</i>
4.45 - 5.05 pm	Address by Chief Guest Professor Tissa Vitharana, <i>Honourable Minister of Science and Technology</i>
5.05 - 5.55 pm	Keynote-Address by Guest of Honour Professor Akinori Noguchi, <i>Professor of Food Science, Ishikawa Prefectural University</i>
5.55 - 6.05 pm	Vote of Thanks Professor Sujatha Hewage, <i>C.Chem., Chairperson, Symposium Organizing Committee</i>
6.15 - 7.15 pm	Cultural Programme
7.15 - 8.15 pm	Cocktail party Banquet Hall, BMICH

Day 2 - Friday 13th June 2008

Venue - BMICH, Conference room A

Symposium 2008, Technical Sessions

Theme - Food Science and Technology for Social Well-Being

8.00-8.40 am	Resource paper 1	Engineer Jayantha Sellahewa, <i>CSIRO, Australia</i>	Consumer health and well-being, the challenge in the food industry
8.40-9.20 am	Resource paper 2	Professor M Nakajima, <i>University of Tsukuba, Japan</i>	Micro and nanotechnology for food and processing
9.20-9.40 am	Research paper 1		
9.40-10.00 am	Research Paper 2		
10.00-10.20 am	<i>Tea Break</i>		
10.20-11.00 am	Resource paper 3	Dr Chakra Wijesundera, <i>CSIRO, Australia</i>	Fats and oils for a healthy diet, trends in food formulation for a healthy life
11.00-11.40 am	Resource paper 4	Professor Linus Opara, <i>Sultan Qaboos University, Sultanate of Oman</i>	Recent scientific advances and technological innovations in post harvest management of fruits and vegetables
11.40-12.20 pm	Resource paper 5	Dr Takeo Shiina, <i>National Food Research Institute, Japan</i>	Development of quality tracing system for fresh produce based on 'Time Environment Tolerance' (TET)
12.20-12.40 pm	Research paper 3		
12.40-1.00 pm	Research paper 4		
1.00-2.00 pm	<i>Lunch Break</i>		
2.00-2.40 pm	Resource paper 6	Professor Sumio Kawano, <i>National Food Research Institute, Japan</i>	Applications of NIR Spectroscopy in food safety/quality assurance
2.40-3.20 pm	Resource paper 7	Professor Upali Samarajewa, <i>University of Peradeniya, Sri Lanka</i>	Food safety management for social well-being
3.20-3.40pm	Research Paper 5		
3.40-4.00 pm	<i>Tea Break</i>		
4.00-4.40 pm	Resource Paper 8	Dr Sada Nand Lal, <i>Pesticide Research Secretariat of the Pacific Community, Fiji</i>	Bio-pesticides, Pacific Island Perspectives
4.40-5.20 pm	Resource paper 9	Dr Lisa Szabo, <i>New South Wales Food Authority, Australia</i>	Addressing food safety issues, Australian experience
5.20-5.40 p.m.		Dr. U Pethiyagoda, <i>Consultant Agricultural Scientist</i>	Concluding Remarks

Dinner and Induction of New President for 2008/2009 at 8.00 pm, Galle Face Hotel

Symposium 2008 - Technical Sessions (continued)**Theme - 'Chemical Sciences for Health-Care'**

8.00-8.40 am	Resource paper 10	Professor Lal Chandrasena, <i>University of Kelaniya, Sri Lanka</i>	Innovations in chemical sciences on health-care diagnostics
8.40-9.20 am	Resource paper 11	Professor LMV Tillekeratne, <i>University of Toledo, USA</i>	Anticancer agents targeting microtubules
9.20-9.40 am	Research paper 6		
9.40-10.00 am	Research Paper 7		
10.00-10.20 am		<i>Tea Break</i>	
10.20-11.00 am	Resource paper 12	Professor Iqbal Choudary, <i>HEJ Research Institute for Chemistry, Pakistan</i>	Herbal/natural products for health-care, innovations and developments
11.00-11.20 am	Research paper 8		
11.20-12.00 noon	Resource paper 13	Dr David Newman, <i>National Cancer Institute, USA</i>	Natural product research for treatment of cancer
12.00-12.20 pm	Research paper 9		
12.20-12.40 pm	Research paper 10		
12.40-1.00 pm	Research paper 11		
1.00-2.00 pm		<i>Lunch Break</i>	
2.00-2.40 pm	Resource paper 14	Professor P Pushpangadan, <i>Institute for Herbal Bio-tech Products Development, India</i>	Herbal/natural products for health-care, applications
2.40-3.20 pm	Resource paper 15	Professor K Husnu Can Baser, <i>Anadolu University, Turkey</i>	Development of phyto-pharmaceuticals for healthcare
3.20-4.00 pm	Resource paper 16	Professor K K Bhutani <i>National Institute of Pharmaceutical Education and Research, India</i>	Development of natural product based nutraceuticals
4.00-4.20 pm		<i>Tea Break</i>	
4.20-5.00 pm	Resource Paper 17	Professor Varsha Tarvady, <i>Indian Institute of Nutritional Sciences</i>	Food formulations for nutrition support/critical care
5.00-5.20 pm	Research Paper 12		
5.20-5.40 pm		Professor Tuley de Silva, <i>Consultant, Link Natural Products Ltd.</i>	Concluding Remarks
5.40 pm		Dr R Samarasekera, <i>Secretary, Symposium Organising Committee</i>	Vote of Thanks

Call for Papers**International Symposium on "Innovations in Food Science and Technology and Healthcare for Social Well-being"****Abstract Submission**

Those wishing to present papers should send an abstract (350 to 400 words) and full-length paper (Maximum number of pages should be four) in line with the conference theme. Abstract and full-length paper must be prepared according to the format given in the web page www.nsf.ac.lk/ichem/ and should contain sufficient information for referees to evaluate the claims made therein. The contents of the abstract and full-length paper should not have been presented or published elsewhere. Notification of acceptance will be by 30th April 2008. Final corrected version of the abstract must be submitted by the principal author along with the electronic copy (*MS Word document*) within the given specified period.

Closing date for submission: **On or before 15th March 2008.**

The abstract and full-length paper should be submitted in **quadruplicate** to:

Secretary, Institute of Chemistry Ceylon, 341/22, Kotte Road, Welikada, Rajagiriya, Sri Lanka.

Copy of abstract and full-length paper could be e-mailed to: radhika@iti.lk or sujatha@chem.cmb.ac.lk by **15th March 2008.**