

# Newsprint, Ink and Waste Management

14 - 15 May 2013, Chennai, India

## Session time

Day 1: 10:00 – 17:30 hrs.

Day 2: 09:30 – 17:00 hrs.

## Programme

- Newsprint and Newsink in the Newspaper printing process
- Newsprint waste management
- Newsink Rheology, measurement, importance and its implication
- Newsprint manufacturing, raw materials
- Newsprint and ink interaction
- Standards for newspaper production
  - ISO 2846-2 for newsink
  - DIN 19306-4 for newsprint
  - ISO 12647-3 for high quality print production:
- Laboratory testing and interpretation of results

## Target Group

- Production Managers
- Material Managers
- Quality Control Executives
- Production Engineers

## Introduction

In any manufacturing industry, the quality of the output depends primarily on the quality of raw materials. The same is true for newspaper production, where newsprint and newsink plays a crucial role in print quality. Best quality can be achieved only if newsprint and newsink interact successfully, which constitutes the major cost to a newspaper. Therefore selection of right materials is very crucial to achieve efficient production and to focus on savings.

This workshop will focus on newsprint and newsink properties, International standards that define the optimum properties to develop purchase specifications. The workshop will feature a case study on Newsprint and Newsink waste management and also a visit to an ink factory to see the first-hand manufacturing and quality control process followed in newsinks.



## Workshop Leader



**Anand Srinivasan** is responsible for the activities at WAN-IFRA Research and Material Testing Centre, Chennai, which offers newsprint and newsink testing, print quality evaluation and research on print related subjects.

He was one of the members of the Jury that judged the general print quality of newspapers in INCQC 2010-12. In the last three years with WAN-IFRA, he has published three research reports on newsprint and newsink and has written several articles in different technical magazines. His areas of expertise are colour management, quality control and measurement tools, print process standardisation, newsprint and newsink standardisation and 3-D printing.

## Venue

**Hotel Savera,**  
146, Dr.Radhakrishnan Road,  
Chennai 600004, India  
Tel: +91.44.2811 4700  
www.saverahotel.com

## Fee per participant

	<b>WAN-IFRA Members</b>	<b>Non-Members</b>
One Participant	INR 15000 / EUR 220	INR 18000 / EUR 260
3+ Participants	INR 12000 / EUR 180	INR 15000 / EUR 220

**Note:** Please add 12.3% taxes to the above fee.

Overseas participants pay in EUR.

Included in the price are the course fee, documentation, luncheon and beverages during breaks.

**Important:** The maximum number of participants will be limited to 15 persons on first-come first-served basis. Please register before 3<sup>rd</sup> May for confirmation.

## Contact

**WAN-IFRA South Asia Pvt. Ltd.**  
54 K.B.Dasan Road, SIET Admn. Building  
Chennai 600 018, India  
Tel. +91.44.4211 0640 . Fax +91.44.2435 9744  
Email: selvaprabu.s@wan-ifra.org  
Contact person: Selvaprabu

## REGISTRATION FORM

### Newsprint, Ink and Waste Management

**14 - 15 May 2013, Chennai, India**

**Please copy, fill in and fax or mail to:**

WAN-IFRA South Asia Pvt. Ltd., 54 K.B.Dasan Road, SIET Admn. Building, Chennai 600 018, India · Fax +91.44.2435 9744 · infoindia@wan-ifra.org

First name/s \_\_\_\_\_  
Surname \_\_\_\_\_  
Company \_\_\_\_\_  
Position \_\_\_\_\_  
Address \_\_\_\_\_  
City/postal code \_\_\_\_\_  
Country \_\_\_\_\_  
E-Mail \_\_\_\_\_  
Phone \_\_\_\_\_  
Fax \_\_\_\_\_  
Signature \_\_\_\_\_

First name/s (2nd participant) \_\_\_\_\_  
Surname \_\_\_\_\_  
Company \_\_\_\_\_  
Position \_\_\_\_\_  
**Payment details:**  
 Please send me an invoice  
Name in block capitals \_\_\_\_\_  
Please address the invoice to \_\_\_\_\_  
\_\_\_\_\_

### Excerpt from the General Terms and Conditions for WAN-IFRA Public Training Events

**2. Registration**

2.1 Registration can be submitted in writing to WAN-IFRA by mail, fax or e-mail. For the participant, the registration constitutes a binding offer for the conclusion of a contract for participation in the event described in the registration. This offer is subject to acceptance by WAN-IFRA. This is signalled by WAN-IFRA by confirmation to the participant that he has been accepted for participation in the event concerned.

2.2 In order to ensure optimum training conditions, the number of participants is limited. Registrations will be processed in the sequence of reception.

**3. Performance and Change of Performance**

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3.4 WAN-IFRA can cancel or postpone events in case of too few participants (at latest two weeks before the start of the event) or cancellation of a speaker or other circumstances for which it is not responsible. In such cases, WAN-IFRA is relieved of the obligation to hold the event and shall reimburse participants any fees already paid.

**4. Conditions of Payment**

4.2 The participation fee becomes due upon receipt of the invoice.

**5. Cancellation and No Show**

5.3 The participant can cancel free of charge up to 14 calendar days before the event begins.

5.4 If the participant cancels between the 14th and seventh calendar day before the event begins, WAN-IFRA will charge 50% of the

participation fee as a cancellation fee. If the participant cancels later than seven days before the event begins, or fails to attend or does attend only a part of the training event, then the regular participation fee will be charged.

5.5 If a participant cannot personally attend an event for which he has a firm booking, he has the possibility to name a substitute. WAN-IFRA must be notified of this in writing, stating the name and address of the substituting person.

**6. Liability**

6.5 In case of withdrawal from the contract or cancellation of the event by WAN-IFRA, no reimbursement of costs for booking the travel or accommodation will be afforded.