



III Workshop on Liquid Crystal Display Technology

Ibero-American Network on Liquid Crystal Displays
Subprogram IX: Microelectronics

First Announcement • Call for Papers

Madrid – Spain

October 26 - 28, 1998

The Ibero-American Network on Liquid Crystal Displays of Subprogram IX: Microelectronics of CYTED will hold its III Workshop on LCD Technology, in Madrid, Spain, from October 26 to 28, 1998. The objective is the exchange of information between scientists, engineers and companies involved in displays and related areas.

The Workshop will cover the most recent advances and trends in the LCD field, and will encourage open discussion of opportunities and cooperative R&D programs in the area. The activities will include:

- *Invited Conferences*
- *Contributed Papers*
- *Working Groups*
- *Network Meeting*
- *Plenary Session*
- *Exhibitions*

Invited Conferences

The conferences, to be presented by scientific and technical experts, will have a tutorial character and will encompass such topics as:

- Overview of displays: trends and perspectives
- LCD materials: liquid crystals, substrates, coatings, etc.
- LCD fabrication techniques: TN, STN, PDLC, FLC, etc.
- Active matrix panels (AMLCDs) with emphasis on thin-film materials, characterization and devices (TFTs, MIMs, etc.)
- Measuring techniques
- Electronic addressing
- Display and module fabrication including interconnection and packaging
- Quality and reliability management
- Competing technologies.

Invited Lecturers (tentative)

Giancarlo Abbate – Univ. di Napoli – *Italy*

Eugenio Cortés – SPECOS – *Spain*

Sven T. Lagerwall – Chalmers Univ. of Technology – Göteborg – *Sweden*

Ernst Lueder – Univ. of Stuttgart – *Germany*

Alan Mosley – Central Research Laboratories – Hayes – Middlesex – *United Kingdom*

Sergei A. Pikin – Inst. Crystallography – Moscow – *Russia*

Alfredo Strigazzi – INFN, Politecnico Torino – *Italy*

Kenneth Werner – Nutmeg Consultants; Editor of Information Display, SID – Norwalk, *USA*

Contributed Papers

The participants are invited to contribute scientific and technical papers on all aspects of LCD technology: materials, processes, design, testing, modeling, addressing electronics and applications. Papers on competing technologies are also welcome (PDPs, DMDs, FEDs, ELDs, etc.). Both, oral and poster presentations in Spanish, Portuguese or English will be accepted. A 250-word abstract must be submitted **before August 15, 1998**. Authors of accepted papers would be asked to submit an extended abstract of 2 pages to be published in the Proceedings.

Additional Activities

A meeting of the participants of the *Ibero-American Network* will be held to discuss future activities and cooperative projects.

A *plenary session* will provide discussions of trends and opportunities in LCD technology in Ibero-America.

There will be an *exhibition area* for companies, universities and research centers working in LCDs and related areas to show prototypes and products (materials, devices and equipment).

Registration

The Workshop is open to participants from universities, research laboratories and companies that are interested in displays and their applications, and requires completion of the enclosed registration form. Registration includes admission to all the technical sessions and a copy of the Proceedings.

- ETSI Telecomunicación - UPM -
Spain – Program Coordinator
Xabier Quintana - ETSI Telecomunicación -
UPM - Spain – Workshop Secretary
Alaide P. Mammana – Coordinator of the Ibero-
American Network on LCDs and IM/CTI
- Campinas, SP - Brazil
Kenneth I. Werner – Nutmeg Consultants and
Editor of Information Display, SID –
Connecticut - USA
Cristina da Matta Quintella - Univ. Federal da
Bahia - Brazil
Esteban Anoardo - FAMAf - Univ. Nacional de
Córdoba - Argentina

Collaborating entities

Ibero-American Network on LCDs of Sub-Program
IX: Microelectronics - CYTED
Universidad Politécnica de Madrid - Spain
CNPq - Brazil
CTI - Brazil

Instructions for Submission of Contributed Papers

SUBMISSION DEADLINE: August 15, 1998

Authors must submit a 250-word abstract in camera-ready form by August 15 for publication in the Workshop Program. The abstract must include a brief discussion of the background, objectives, results and their impact on the industry. The text may be in English, Portuguese or Spanish, and must be typed in a rectangular area 16 cm wide by no more than 10 cm high, in Arial 11, with the title in Arial 12, bold and centered. The authors' names, affiliations and addresses must be typed in Arial Italic 11 and centered. The abstracts must be sent in diskette (Word 6.0 or 7.0) or by e-mail (plain text, please!). Authors of accepted papers would be asked to submit a two-page camera-ready manuscript for inclusion in the Conference Proceedings.

Further Information and Paper Submission

Prof. Dr. José M. Otón
Program Coordinator CYTED-LCD
Dept. de Tecnología Fotónica
ETSI Telecomunicación
Universidad Politécnica de Madrid
E-28040 Madrid - Spain.
tel. +34 91 336 7340
fax +34 91 336 7319
e-mail: CYTED-LCD@tfo.upm.es
<http://www.tfo.upm.es/i+d>

Prof. Dr. Alaide Pellegrini Mammana
Coordinator of the Ibero-American Network on
LCDs
CYTED - Subprogram IX: Microelectronics
Instituto de Microeletrônica / CTI
Rod. D. Pedro I - km 143,6
13089-500 Campinas, SP - Brazil
tel. +55 19 240 2150
fax +55 19 240 1365
e-mail: alaide@ic.cti.br

III Workshop on Liquid Crystal Display Technology

Ibero-American Network on Liquid Crystal Displays
Subprogram IX: Microelectronics

Madrid - Spain

26 to 28 October, 1998

REGISTRATION FORM

Please, type or print

Name: _____

Position / Function: _____

Institution / Company: _____

Address: _____

Phone: _____ Fax: _____

E-mail: _____

Home Address (optional): _____

Phone: _____ Fax: _____

I intend to present a paper (Oral Poster) on _____

I intend to participate in the exhibition with:

poster	<input type="checkbox"/>
prototypes	<input type="checkbox"/>
equipment	<input type="checkbox"/>
others (_____)	<input type="checkbox"/>

Registration:

Student (US\$ 50.00, without Proceedings)	<input type="checkbox"/>
Scientific (US\$ 150.00)	<input type="checkbox"/>
Participant from Company (US\$ 250.00)	<input type="checkbox"/>