



AM-FPD 11

THE EIGHTEENTH INTERNATIONAL WORKSHOP ON ACTIVE-MATRIX FLATPANEL DISPLAYS AND DEVICES

—TFT Technologies and FPD Materials—

July 10-13, 2011

Tokyo Institute of Technology, Tokyo, Japan

ORGANIZING CHAIR

Hiroki Hamada
Sanyo Electr.

VICE CHAIR

Hiroshi Tsutsu
Toshiba Mobile
Display

STEERING CHAIR

Yukiharu Uraoka
NAIST

VICE CHAIR

Hidehito Kitakado
Sharp

PROGRAM CHAIR

Hiroshi Tanabe
NEC LCD Technol.

VICE CHAIR

Mutsumi Kimura
Ryukoku Univ.

Takashi Noguchi
Univ. Ryukyus

The Eighteenth International Workshop on Active-Matrix Flatpanel Displays and Devices (AM-FPD '11) will be held at **Multi-Purpose Digital Hall, West 9 Building, Tokyo Institute of Technology** (http://www.titech.ac.jp/english/about/campus/o_map.html), Tokyo, Japan from July 10 to 13, 2011.

This workshop has been providing good opportunities to exchange ideas for advanced information on active-matrix flatpanel displays (AM-FPDs) including thin-film transistors (TFTs), other thin-film devices, materials for displays, active-matrix liquid-crystal displays (AM-LCDs), active-matrix organic light-emitting-diode displays (AM-OLEDs), and other related topics.

Papers are solicited on, but not limited to, the following topics:

- **Flat Panel Display (FPD):** LCDs, OLED displays, e-papers, 3-D displays, flexible displays, touch screens, driving methods, integrated drivers, and display materials and systems.
- **TFT Technologies (TFT):** amorphous, microcrystalline, and polycrystalline Si TFTs, organic-TFTs, oxide TFTs, other material TFTs such as graphene, carbon nanotubes, and semiconductor nanowires, device modeling, device and circuit simulation, and reliability.
- **Thin-Film Materials and Devices (TFMD):** thin-film materials and processing (Si and related materials, oxide and organic semiconductors, dielectrics, transparent electrodes, metallization, and photo materials), thin-film emerging devices (**solar cells**, imaging devices, sensors, and thin-film devices), and thin-film and device characterizations (structural, optical, and electrical properties).

Keynote Address

“Ultraflexible and Stretchable Organic Transistor Active Matrixes for Displays and Sensors”
Prof. Takao Someya (Univ. Tokyo, Japan)

“Large Area Thin Film Silicon: Synergy between Displays and Solar Cells”
Prof. Ruud E.I. Schropp (Utrecht Univ., The Netherlands)

Symposium / Special Session

In addition to the regular sessions, symposia *“Advanced Technologies for Thin and Flexible Displays”*, *“Current Status and Development Trends in Carbon Based Thin-Film Transistors”* and *“Carrier Transport in Si, Oxide and Organic Thin Films”* are scheduled. And also, a special session, *“Next Generation Thin Film Technologies for Photovoltaics”*, is planned. Invited speakers will talk about the latest topics regarding these subjects.

JJAP

The authors of the superior papers will be recommended by the committee to submit the papers for the publication in the JJAP special issue of *“Active-Matrix Flatpanel Displays and Devices -TFT Technologies and FPD Materials-”*.

Tutorial in Japanese

Attendees will have short-course lectures on *“Driving Technologies for Electronic Paper”* and *“Solar Cell: from Basic to Advanced Technologies”*. The tutorial is aimed at beginners as well as experienced researchers who like to review them. Presentations and documents will be in Japanese. The lecture will be available for an additional fee.

DEADLINE FOR RECEIPT OF 4-PAGE CAMERA-READY PAPER

March 14, 2011

Accepted paper will appear on the Proceedings as it is.

PREPARATION AND SUBMISSION OF PAPERS

Authors are required to submit a *4-page camera-ready paper* with all figures and tables via web site for review.

The *4-page paper* should use A4-size or 8.5×11-inch PDF file based on the format that is described in the instructions for preparing Camera-Ready Summaries for AM-FPD '11. It is provided at the following web site.

Category of the work (FPD, TFT, TFMD) and preferred mode of presentation (Oral or Poster) should be selected in the online submission page.

Please follow the instructions:

- (1) Don't use two byte characters or Asian Fonts.
- (2) The standard font should be used whenever possible, for example, Times-Fonts Family, Helvetica-Fonts Family.
- (3) If you wish to type a symbolic character into the paper, please use Symbol-Fonts Family.
- (4) It is desirable to prepare PDF file by Acrobat 4.X or later and PDF version 1.3.

Papers must be original contributions. The *4-page paper* is required to include the following points:

- (1) Objective and backgrounds, describing the goal and the motivation of your work shortly.
- (2) Results, describing the specific new results in detail.
- (3) Impact and significance of your work, comparing your findings with prior published work(s).
- (4) Prior publications and references.

The *4-page paper* for review in PDF file must be submitted via web site.

Web site: <http://www.amfpd.jp>

ACCEPTANCE

Authors of accepted papers will be notified by the end of April, 2011. Accepted papers can be presented either by oral or poster. The program committee, however, reserves the right to consider your paper for either oral or poster presentation. Oral presentations, including questions and answers, are scheduled for 20 minutes.

The accepted paper will appear as it is on the Proceedings of the AM-FPD '11.

Acceptance is subject to following conditions:

- (1) All advance registration is required for all presenting authors.
- (2) The paper submitted to AM-FPD '11 must not be published nor placed on the Web before it is presented at the conference.

LATE NEWS

A limited number of Late News papers reporting important findings or developments may be accepted. Deadline for receipt of *2-page camera-ready manuscript* is May 16, 2011. Late News papers are also submitted via the web site. Detailed instruction for preparing the manuscript is available at the web site.

AWARD(S)

AM-FPD Paper Awards will be given to the best, poster and student papers presented in this workshop and will be honored at the next workshop.

FURTHER INFORMATION

If you have any questions or inquiries, please contact:

AM-FPD Secretariat Mobara Atecs, Ltd.
3401, Hayano, Mobara, Chiba 297-0037, Japan
Tel: +81-475-23-1150 Fax: +81-475-25-7703
E-mail: amfpd@atecs.co.jp

Detailed information will be released in the final call for papers and provided on the web site (<http://www.amfpd.jp/>) by the end of 2010.