

Int'l Photovoltaic Technical Conference THIN FILM 2010

27th-28th May, Aix-en-Provence, France

CALL FOR PAPERS

SCOPE:

- Reinforce collaboration between laboratories and industrial partners to strengthen the technical development of new solar cells generations.
- Unite solar cell manufacturers, equipment, material suppliers and research centers in discussion on leading-edge photovoltaic technologies in response to market requirements.

"Thin Film 2010" is the 1st event in a series of international PV specialty conferences.

TOPICS OF INTEREST:

Materials and technologies:

- Thin Film Crystalline, Amorphous and Microcrystalline Silicon Solar Cells,
- CdTe, CIS, CIGS and other ternary thin film solar cells
- Silicon emitter engineering (selective emitter, backside contact, heterojunction, electronic mirror...)
- Organic solar cells, dye-sensitized solar cells
- Substrate (Glass, flexible substrates)
- Transparent conductive oxides
- Other innovative approaches: high efficiency (concentration, tandem cells...), new physical effects (hot carriers, up-conversion, quantum dots...), low cost (solar printing...), nanostructures...

Characterization and Reliability:

- Advanced morphological, electrical, optical characterization and modelling
- Thin Film cells reliability: lifetime, ageing, testing

Manufacturing issues and processing:

- Manufacturing process for Thin Film cells
- Automation and in-line monitoring
- Safety and recycling
- Economies of scale

Best papers will be published in a special issue of **Solar Energy Materials and Solar Cells - SOLMAT**. Authors are strongly encouraged to highlight actual case studies in their presentation. A poster session will be organized. **We invite you to specify whether you prefer to present an oral presentation or a poster.**

INSTRUCTIONS FOR ABSTRACTS

Abstracts, to be written according to "Instructions for abstracts" document, will include one page of text with a title, the authors' names, their affiliation and a three parts summary:

- 1) Context / Study motivation
- 2) Description of approach and techniques
- 3) Results / Conclusions / Perspectives

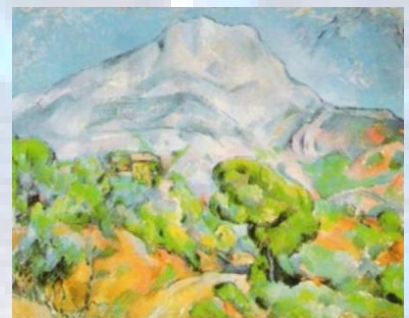
An additional page can be added with illustrations.

DEADLINES: **Abstract submission – Monday, March 15, 2010**

Notice of acceptance – by Wednesday, March 31, 2010

LOCATION OF THE EVENT

Congress Center of Aix-en-Provence, 14 boulevard Carnot, 13100 Aix en Provence, south of France - at the heart of this city of art and culture, well-known for its architectural beauty and first-class hospitality. Its landscapes are dominated by the "Sainte Victoire" mountain painted by the famous artist from Aix, Paul Cezanne. For further information: www.aixenprovencetourism.com



CONTACT / INFORMATION

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Website under construction.