



THIOX NEWS AND COMING EVENTS, OCTOBER, 2006

Dear Colleagues,

You will find below information on the recent and planned activities of our THIOX ESF network.

1) The **13th International Oxide Electronics Workshop on the Ischia Island, October 9-11 2006** was a great success with excellent and exciting science in a beautiful place. Thank you very much to **R. Vaglio, F. Miletto, M. Salluzzo, and L. Maritato** from Naples, and **D. Marré** from Genoa and their whole crew.



The WOE13 conference picture in Ischia.

2) ESF-THIOX Award for young researchers.

As you know, the award consists of a diploma describing the outstanding research and an invitation to present the work in an invited honorary talk at a THIOX workshop.

We plan to give the next awards during the THIOX meeting in Barcelona in March 2007.

PLEASE, SEND PROPOSITIONS RAPIDLY IN ORDER TO HAVE SUFFICIENT TIME TO EXAMINE THE CANDIDATES.

Proposals can be submitted electronically by any group leader as described in:

<http://www.ims.tnw.utwente.nl/thiox/News/award.doc/index.html>

3) Next THIOX meetings

March 2007. A THIOX meeting will be organized by **Josep Fontcuberta, Manuel Varela, Florencio Sánchez, Lourdes Fàbrega and David Hrabovsky, March 28-30 2007**, close to Barcelona.

The theme of the meeting is “**Oxide thin films and devices for applications**”. The Meeting will consist of 1/2 day *Tutorials* that will include selected presentations from academia and industry with a focus on functional characterization and use of oxide thin-film-based devices. A second part of the meeting (3/2 days) will be dedicated to regular scientific sessions, with emphasis on:

- Functional and multifunctional thin film oxides:
 - Ferroelectrics and dielectrics
 - Magnetic compounds and superconductors
 - Multiferroics and magnetoelectrics
- Interface phenomena in oxides and hybrid systems
- Engineered materials:
 - Oxide heterostructures
 - Hybrid heterostructures (metals, oxides, organics,..)
 - Self-assembled structures
- Functional devices



The workshop will take place at the "Eden Roc" Hotel, www.caproig.com, at Sant Feliu de Guixols - about 1hour north from Barcelona.

Abstract Submission and Registration

- Call for Abstract will be opened from January 1st to February 1st, 2007.
- Abstracts should be submitted via the registration page www.icmab.es/thiox
- Information on your contribution (oral or poster) will be notified by February 17, 2007
- Registration and hotel booking at www.icmab.es/thiox

Fall 2007. A special THIOX workshop will be organized by PhD students on a topic and in a setting to be selected by the students.

4) Conferences and workshops in the “THIOX area”

A special symposium on oxide interfaces at the 2007 MRS Spring meeting.



A symposium on “**Functional Interfaces in Oxides**” will be organized by **Masashi Kawasaki, Jochen Mannhart, Ramamoorthy Ramesh and Darrell Scholm** at the 2007 MRS Spring meeting.

You will find information on this symposium of great interest for the THIOX community on www.mrs.org/meetings/.

The **14th International Oxide Electronics Workshop, WOE14**, will be organized in **South Korea on the Jeju Island in the 2nd week of October (October, 8-10) 2007.**

The organizers will be **T. Noh (Seoul Univ.), M. Kawasaki (Tohoku Univ.) and H. Tabata (Osaka Univ.)**.



Jeju island

5) THIOX Brochure

The THIOX brochure describing the interest, programme, aims and objectives as well as the various activities of the THIOX ESF network is now available. The brochure can be obtained directly from Jochen Mannhart (jochen.mannhart@physik.uni-augsburg.de) or downloaded from the ESF website at <http://www.esf.org/thiox> .

MORE INFORMATION ON THIOX CAN BE FOUND ON THE THIOX WEBSITE:

<http://www.thiox.nl>

We look forward to seeing you soon, and, certainly, in one of the future THIOX meetings.

Sincerely,

Dave Blank, Jochen Mannhart, and Jean-Marc Triscone