

2nd International Symposium on Transparent Conductive Oxides (TCO2008) to Be Held in October 2008

www.tco2008.org

Over the past few years, there has been an explosive growth of interest in both fundamental research and device applications based on transparent conductive oxides (TCOs). This unique class of wide bandgap materials is gaining a variety of cutting-edge applications in the fields of transparent thin-film transistors, solar cells, gas sensors, organic light-emitting diodes, liquid crystal and high definition displays, electrochromic and smart windows, as well as in architectural coatings. In line with the worldwide research activities that range from fundamental physics to materials fabrication and TCO-based device development, the International Board Members of the TCO2006, following the success of the inaugural TCO2006 held in Crete, Greece, have decided on the organization of the follow-up TCO2008 meeting at the same location on October 22–26, 2008.

This year's Symposium Organizers are **George Kiriakidis** (Chair) of the University

of Crete and Foundation for Research and Technology–Hellas (FORTH), Greece; **Elvira Fortunato** of the New University of Lisbon, Portugal; **Sang Yeol Lee** of Korea Institute of Science and Technology, South Korea; **Lionel Vayssieres** of the National Institute for Materials Science, Japan and Lawrence Berkeley National Laboratory (LBNL), USA; and **Clark Bright** of the 3M Corporate Research Process Laboratory, USA. Honorary Past Symposium Chairs are **Marie-Isabelle Baraton** of the University of Limoges and Centre National de la Recherche Scientifique (CNRS), France and **Samuel Mao** of the University of California at Berkeley and LBNL.

The object of TCO2008 is a highly focused review of the latest progress in the development of TCOs in their crystalline, polycrystalline, and amorphous structure, stimulating new knowledge on fundamental issues related to materials nanostructure and emerging applications. In addition to invited and contributed oral presentations

and poster sessions, a special roundtable session will be dedicated to the discussion of future and alternative technologies with the participation of a high-ranking official from the European Commission.

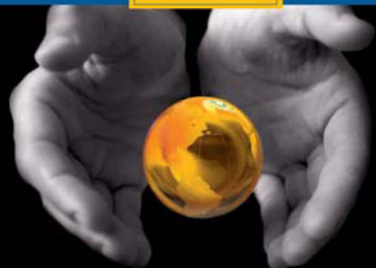
The symposium official language will be English. Subject to the usual peer-review process, selected papers will be published in *Thin Solid Films (TSF)* and the *International Journal of Nanotechnology (IJNT)*. Invited contributions will appear in a special edition of *Applied Physics A*.

The conference is endorsed by the Materials Research Society; the University of Crete, Physics Department; and the Foundation for Research and Technology–Hellas (FORTH)/Institute of Electronic Structure and Lasers (IESL).

Additional information about the conference can be accessed at Web site www.tco2008.org.

GEORGE KIRIAKIDIS

University of Crete and IESL/FORTH
Chair, TCO2008



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- Nominations are open to any MRS Member in good standing, whose membership has been continuous for at least 5 years preceding receipt of the nomination. In exceptional circumstances, this requirement may be waived.
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- Self nomination is not permitted.
- The title of MRS Fellow will not be awarded posthumously.

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