

SECOND ANNOUNCEMENT

Symposium G on

FUNDAMENTALS AND TECHNOLOGY OF MULTIFUNCTIONAL OXIDE THIN FILMS

June 8-12, 2009, Strasbourg, France

PROGRAMME

This E-MRS symposium is aimed at giving an overview of the current status of the wide field of oxide thin films integrated in microelectronic, MEMS and NEMS devices, covering fundamental as well as processing, integration and application issues. We are calling for papers giving the latest information on research and development in this field.

There will be sessions on the following topics:

- 1) On-chip capacitors: High-K dielectric materials, synthesis, electrodes, fundamentals
- 2) Oxide thin films for memories: DRAM's, nonvolatile M's (conductivity switching, ferroelectric, ..)
- 3) Tunable dielectrics for microwave applications
- 4) MEMS / NEMS and sensor applications
- 5) Ferroelectric, ferromagnetic, multiferroic oxide films
- 6) Dielectrics for advanced packaging issues in communication devices
- 7) Piezoelectric and Electrooptic films and applications
- 8) Supra-conducting oxide thin films
- 9) Processing

Scientific Committee:

Robert Blinc (Josef Stefan Inst., SI), Wolfgang Kleemann (Univ. Duisburg, D), Raffaella Lo Nigro (IMM-CNR, I), Ian M. Reaney (Univ. Sheffield, GB), T. Metzger (EPCOS, D), Rainer Waser (TH Aachen, D)

List of invited speakers:

Andrew Bell (Univ. of Leeds, UK)	Sasangan Ramanathan (AIXTRON)
Ivan Bosovic (Brookhaven NL, US)	Hisao Suzuki, (Shizuoka University, J)
Paul Clem (Sandia, US)	Derek Sinclair (Univ. of Sheffield, UK)
Peter Günter (ETH, CH)	Igor Stolitchnov (EPFL, CH)
Alois Loidl (Univ. of Augsburg, D)	Bruce Tuttle (Sandia Lab., US)
Mareike Klee (NXP, NE)	Susan Troilier-McKinstry (PennState Univ., US)
Hermann Kohlstedt (MPI Jülich, D)	Frode Tyholdt (SINTEF, NO)
Zdravko Kutnjak (Josef Stefan Inst. Slov.)	Jerome Wolfman (Univ. de Tours, F)
Graziella Malandrino (Univ. di Catania, I)	Tomoaki Yamada (Tokyo Inst. Techn., J)
Tomoaki Matsushima (Matsushita, J)	

Proceedings will be published.

CHAIRPERSONS:

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