

7th European Conference on Applications of Polar Dielectrics (ECAPD7)
September 6-9, 2004, Liberec, Czech Republic
List of invited speakers (25.5.2004)

A. Bell (UK): "Temperature dependence and Non-Linearity of dielectrics with composition gradients"

R. Blinc (Slovenia): "Polar nanoclusters in relaxors"

L. Bohatý (Germany): "Electromechanical and electro-optical properties of non-ferroelectric polar bismuth triborate, BiB_3O_6 "

L. E. Cross (USA): "Strain gradient Induced Electric Polarization in Paraelectric, Ferroelectric and Relaxor Ferroelectric Ceramics"

J. Cross (Japan): "FRAM technology and reliability"

R. S. Cudney (Mexico): "Optical uses of ferroelectric crystals with 180° domains"

L. M. Eng (Germany): "Nano-ferro-optics: Dielectric, Polarization, and Optical properties in ferroelectric domains and domain walls"

M. Fontana (France): "LiNbO₃ optical waveguide devices : Study of the physical phenomena causing the DC drift"

J. Fousek (Czech Republic): "Technical applications of open domain-related problems"

P. Günter (Switzerland): "Photorefractive materials for near infrared applications"

B. Hilczer (Poland): "Functionalization of ferroelectric polymers"

V. Janovec (Czech Republic): "Databases of ferroic phase transitions"

A. Kholkin (Portugal): "Scanning Force Microscopy of ferroelectric relaxors"

S. B. Lang (Israel): "Laser intensity modulation method (LIMM): Experimental techniques, data analysis and applications"

V. V. Lemanov (Russia): "Dielectric relaxation in doped SrTiO₃ in the regimes of classical thermal activation and of quantum tunneling"

J. Petzelt (Czech Republic): "Infrared and high-frequency dielectric behaviour and soft modes in ferroelectric and relaxor films"

E. Ringgaard (Danemark): "Dielectric and piezoelectric properties of potassium sodium niobate, an environmentally friendly piezoceramic"

J. Scott (UK): "Dielectric Properties of Ferroelectrics in Restricted Geometries: Nanotubes, Nano-rods, Ribbon Structures, and Shoulders on [3D] Capacitor Structures"

N. Setter (Switzerland): "Ordered and disordered ferroelectric relaxors"

V. Shur (Russia): "Micro and Nanodomain Engineering in Lithium Niobate and Lithium Tantalate"

A. K. Tagantsev (Switzerland): "Internal BIAS field effects and Polarization imprint in ferroelectric films"

T. Takenaka (Japan): "Grain Orientation and Electrical Properties of Some Bismuth Layer-Structured Ferroelectrics for Lead-Free Piezoelectric Applications"

S. Wada (Japan): "Enhanced Piezoelectric Properties of Potassium Niobate Single Crystals by Domain Engineering"

Hong Wang (P.R.China): "Bi-pyrochlore Dielectric Ceramics for Microwave Applications: Current Status and Future Prospect"

R. W. Whatmore (UK): "Pyroelectric arrays using ceramics and thin films"

Yao Xi (P.R.China): "Processing and field induced transition of PZST ceramics"

Zuo-Guang Ye (Canada): "Piezo-/Ferroelectric Single Crystals"

Qingrui Yin (P.R.China): "Piezoresponse and Acoustic Microscopy of Some Ferroelectrics Based SPM"

V. Zauls (Latvia): "AFM studies of functional thin films – from surface testing to modification"

Weiguang Zhu (Singapore): "Ferroelectric Films for MEMS and Electronic Device Applications"