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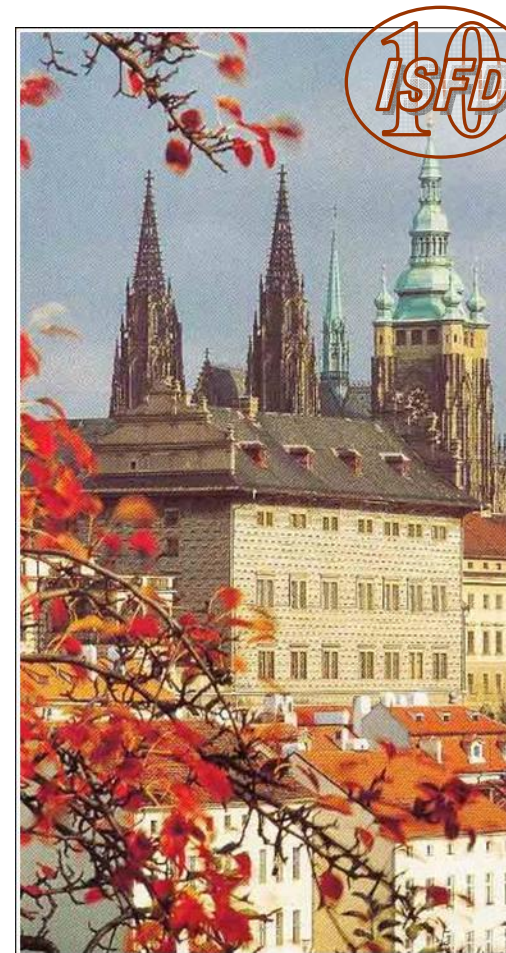
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For further information, see the website:

<http://palata.fzu.cz/isfd10/>

10-th International Symposium on Ferroic Domains and Micro- to Nanoscopic Structures (ISFD-10)



PRAGUE, CZECH REPUBLIC

SEPTEMBER 20-24, 2010

History

The Series of International Symposia on Ferroic Domains and Micro- to Nanoscopic Structures (ISFD's) is devoted to basic and applied aspects of structural changes in condensed matter connected with symmetry breaking of crystal symmetry. Symposia have been organized in even years in between International and European Meetings on Ferroelectricity:

1. Volgograd (Soviet Union) 1989
2. Nantes (France) 1992
3. Zakopane (Poland) 1994
4. Vienna (Austria) 1996
5. State College (USA) 1998
6. Nanjing (China) 2000
7. Giens (France) 2002
8. Tsukuba (Japan) 2004
9. Dresden (Germany) 2006
10. Prague (Czech Republic) 2010



Main topics

- Static domain structures, twinning, macroscopic properties of polydomain materials, domain engineering
- Domain walls, interfacial phenomena, domain wall engineering
- Domain wall dynamics, nucleation, switching, extrinsic material properties
- Domain structures in multiferroics
- Domain structures in thin films, size effects, ferroic nanoparticles
- Polar nanoregions in relaxor-like materials
- Mesoscopic structures in liquid crystals
- High resolution, diffraction and nanoscale examination of domain structures
- Theory, computer simulations and modelling of domain structures and domain walls
- Applications of domain phenomena: memories, anisotropic ceramics, optoelectronic devices, smart materials, etc.

For further information about ISFD-10, see:

<http://palata.fzu.cz/isfd10/>

Venue

Prague, the capital of the Czech Republic, is well known for its historical monuments, classical architecture and rich cultural heritage. Come and discover this wonderful city and walk in the footsteps of Franz Kafka and Antonín Dvořák but also of Tycho de Brahe, Johannes Kepler, Christian Doppler, Albert Einstein, Jaroslav Heyrovský and others.



Important Deadlines

Abstract submission: **May 15, 2010**

Acceptance notification: **May 20, 2010**

Registration: **June 30, 2010**

Manuscripts*: **September 20, 2010**

* Selected papers from the conference will be published by Taylor & Francis, Inc. in a dedicated volume of **Phase Transitions**.