



International Conference on

# Perovskites – Properties and Potential Applications

September 05–07, 2005

Empa  
Überlandstrasse 129  
CH-8600 Dübendorf  
Switzerland  
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Further information and  
online-registration can  
be found at  
[www.empa.ch/perovskite](http://www.empa.ch/perovskite)



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Dübendorf June 25, 2005

Transition metal oxides with perovskite-type structure show attractive physical and chemical properties, such as high temperature superconductivity or thermo-electricity, as well as outstanding catalytic properties for various redox reactions.

- The aim of the International Conference on Perovskites – Properties and Potential Applications is to assemble scientists from universities, scientific institutes as well as industry to promote international co-operations on perovskite-type materials development.
- The conference will provide a forum for discussions among chemists, physicists, and materials scientists working with perovskites.
- The topics include all aspects of synthesis and characterisation methods. Special emphasis will be given to theory, catalytic, magnetic, electronic, and transport properties of the compounds.
- Technical Workshops co-organised by the German Chemical Society (GDCh) will include training sessions on “Complementary structure analyses methods of complex perovskite-type phases”.

#### Invited speakers

Georg Bednorz, Dieter Vollhardt,  
Truls Norby, Ichiro Terasaki,  
Evgeny Antipov, Peter Battle,  
Sylvie Hébert, Juan Rodriguez-Carvajal,  
Darrell G. Schlom

#### The conference will be organised by

Anke Weidenkaff, Empa  
Antoine Maignan, CRISMAT CNRS/ENSICAEN  
Mas Subramanian, DuPont

#### International Advisory Committee

Alexandra Navrotsky,  
Kenneth Poeppelmeier, Ichiro Terasaki,  
Armin Reller, Stefan Ebbinghaus,  
Martin Jansen, Matthew Rosseinsky,  
Thom Palstra, Bernard Raveau,  
Sylvie Malo, Thomas Lippert,  
Oystein Fischer

#### Local Organising committee

Claudia Schreiner, Heinz Vonmont,  
Ulrich Vogt, Empa