



Alexander Vasiliev
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2007 - 2008 activity of
Liaison office
Moscow State University
Low temperature physics
department

Liaison office in MSU, Date of birth: September 19, 2001



The place of meetings
for western and
eastern scientists



International partners of Moscow Liaison office

- ◆ Japan (Tohoku University, Sendai; Institute of Solid State Physics, Tokyo)
- ◆ Taiwan (National Chiao Tung University, Hsinchu)

- ◆ Germany (Institute of Solid State and Materials Research, Dresden; University of Koeln; Berlin University; Technical University Braunschweig)
- ◆ England (Cambridge University)
- ◆ Portugal (University of Aveiro)
- ◆ Slovakia (Safarik University, Kosice)
- ◆ Italy (National Institute of Electrotechnics, Turin)

- ◆ Byelorussia (Institute of Solid State Physics and semiconductors, Minsk)
- ◆ Ukraine (Low temperature physics Institute, Kharkov)

- ◆ France (Bordeaux Institute of Condensed Matter Chemistry; Paris University XI, Orsay)
- ◆ USA (Oak-Ridge National Laboratory; University of Illinois Urbana Champaign)

Visits of Japanese scientists to Liaison in 2008



The visit of Prof. H. Nojiri and Prof. H. Tanaka, September, 2008.



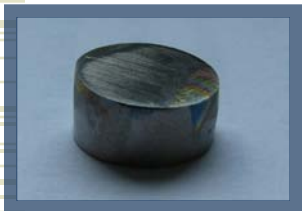
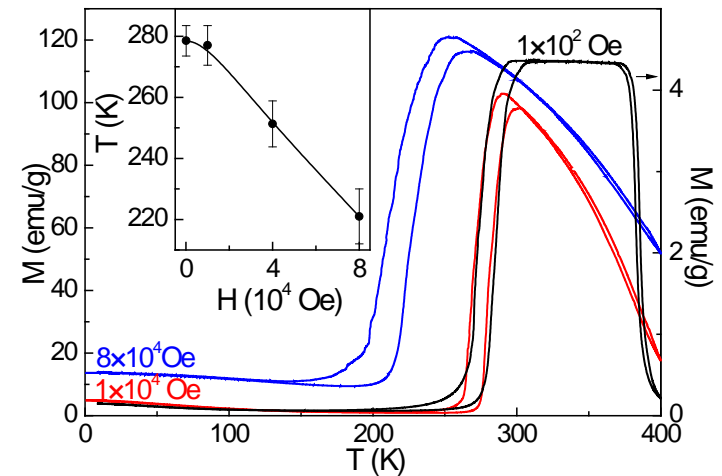
The visit of Prof. Y. Ueda and his group is scheduled for December, 2008.

Joint studies of Heusler type alloys with Tohoku University, Sendai, Japan



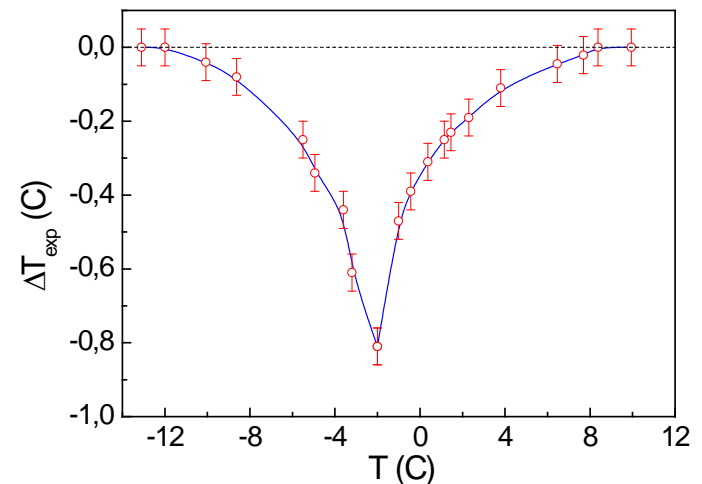
Prof. K. Oikawa

The temperature dependences of magnetization of $\text{Ni}_{45.7}\text{Co}_{5.2}\text{Mn}_{36.5}\text{In}_{12.6}$



Working body of
future solid state
refrigerators

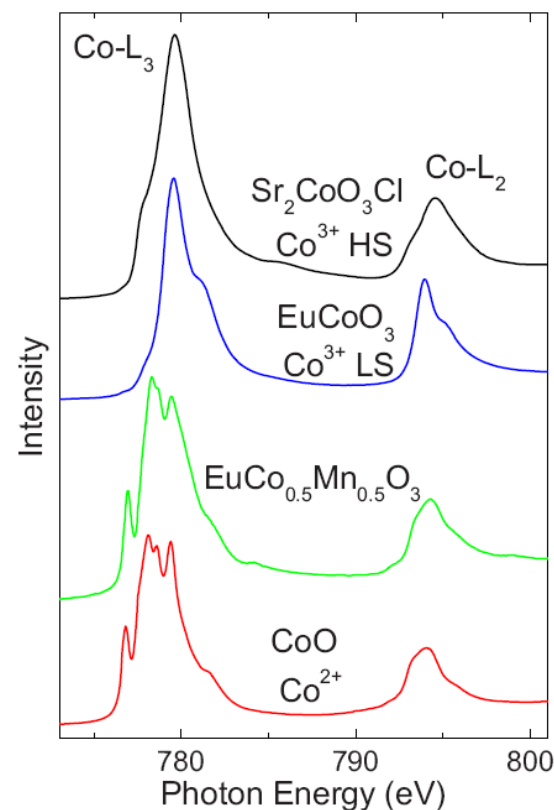
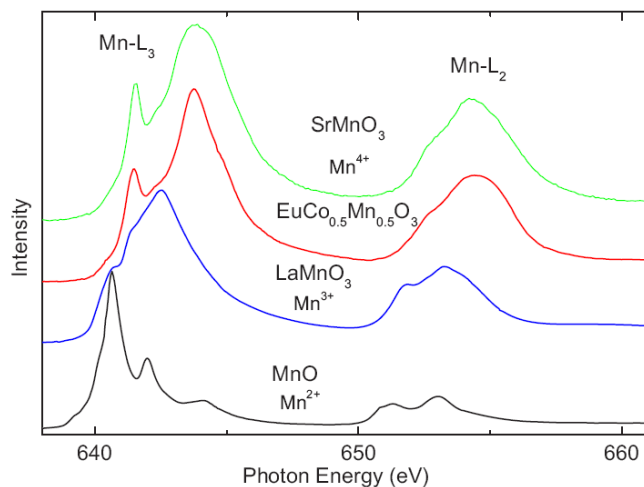
Magnetocaloric effect in $\text{Ni}_{45.7}\text{Co}_{5.2}\text{Mn}_{36.5}\text{In}_{12.6}$



Joint studies of valence states in manganite with National Chiao Tung University, Hsinchu, Taiwan



Prof. A. Vasiliev and Prof. J.-Y. Lin, June, 2008

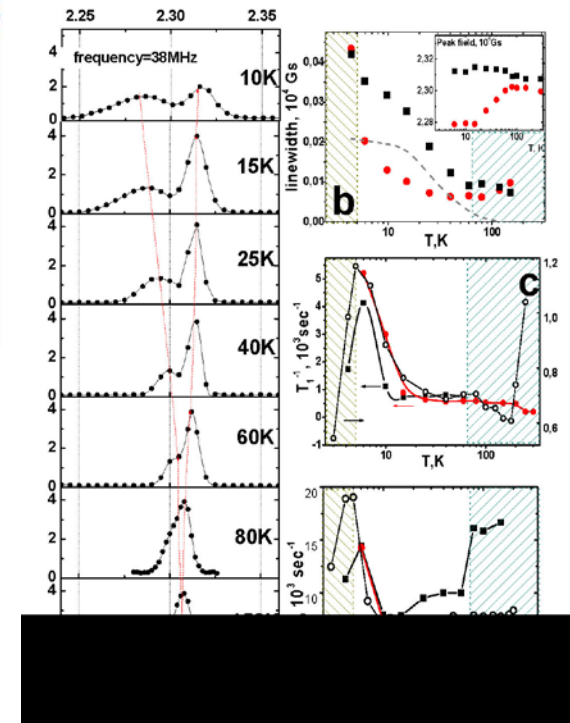
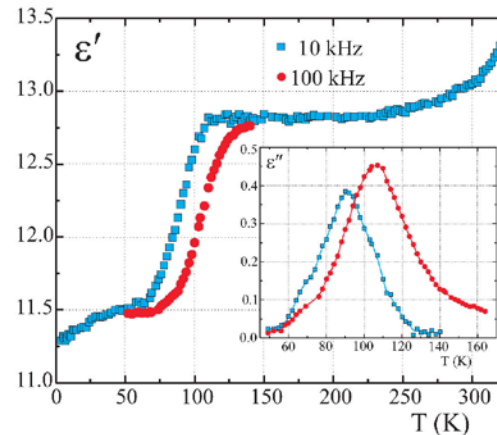
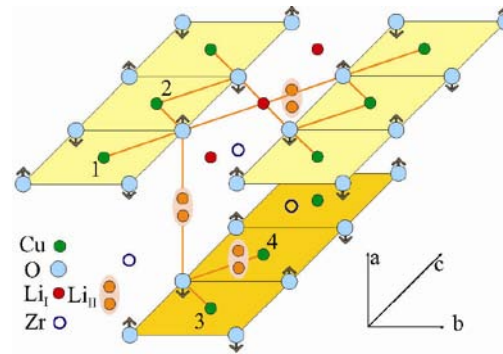


Joint studies of low dimensional and superconducting systems with Institute for Solid State and Materials Research, Dresden, Germany



Prof. B. Büchner, Dr. R. Klingeler
The visit to Liaison office, MSU
in June, 2008

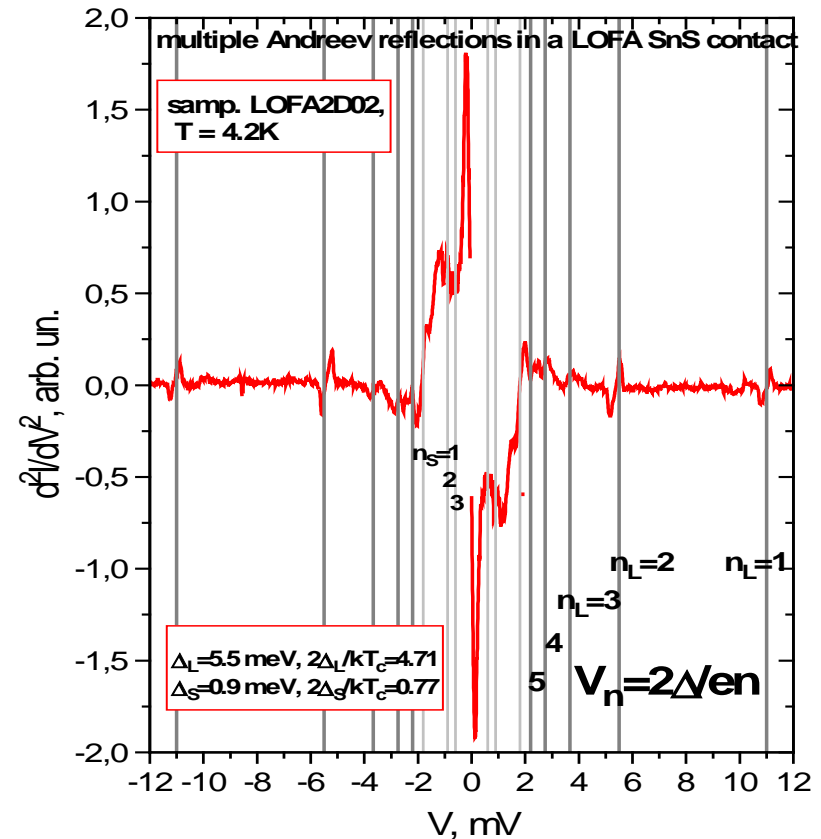
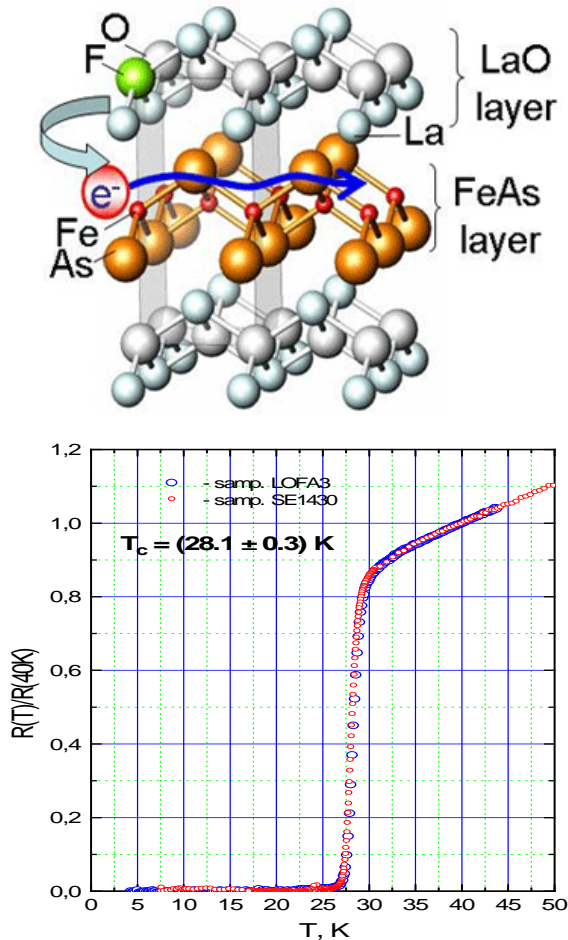
New multiferroic material $\text{Li}_2\text{CuZrO}_4$



In 2008 the new project for "Quantum ground States" was obtained from DFG 436 RUS 113/982/0-1

Joint studies of low dimensional and superconducting systems with Institute for Solid State and Materials Research

New iron - based superconductors



Thank You!

