

Institute of Advanced Studies  
School of Materials Sciences & Engineering  
School of Physical and Mathematical Sciences

# 5th APCTP Workshop on Multiferroics



Image courtesy: K. ROGDAKIS, Nature Communications 3:1064 doi: 10.1038/ncomms2061 (2012)

## Invited Speakers

**C. D. BATISTA** *Los Alamos National Laboratory*  
**L. CHEN** *MSE/NTU*  
**S-W. CHEONG** *Rutgers Univ.*  
**Y. J. CHOI** *Yonsei Univ.*  
**Y-H. E. CHU** *National Chiao Tung Univ.*  
**T. S. DASGUPTA** *S.N. Bose National Centre for Basic Sciences*  
**J. DING** *NUS*  
**D. J. HUANG** *National Tsing Hua Univ.*  
**Y. H. JEONG** *POSTECH*  
**T. KATSUFUJI** *Waseda Univ.*  
**D. KHOMSKII** *Univ. of Cologne*  
**K-H. KIM** *Seoul National Univ.*  
**T. KIMURA** *Osaka Univ.*  
**J-Q. LI** *Chinese Academy of Sciences*  
**J. LIU** *Nanjing Univ.*  
**R. MAHENDIRAN** *NUS*  
**N. MATHUR** *Cambridge Univ.*  
**M. MOCHIZUKI** *Univ. of Tokyo*  
**S. MORI** *Osaka Prefecture Univ.*  
**M. MOSTOVOY** *Univ. of Groningen*  
**C. W. NAN** *Tsinghua Univ.*  
**J-G. PARK** *Seoul National Univ.*  
**R. RAMESH** *Univ. of California*  
**S. SEKI** *Univ. of Tokyo*  
**D. D. SHARMA** *Indian Institute of Science*  
**N. SPALDIN** *ETH Zurich*  
**N. X. SUN** *Northeastern Univ.*  
**A. SUNDARESAN** *JNCASR*  
**Y. TOKUNAGA** *RIKEN*  
**C-H. YANG** *KAIST*  
**V. ZAPF** *Los Alamos National Laboratory*

**22 to 24 May 2013**

**Nanyang Executive Centre, NTU**

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**Co-Chairmen K. K. PHUA** *NTU*  
**P. SENGUPTA** *NTU*  
**J. WANG** *NTU*

## About the Workshop

Multiferroics present an interesting and potentially very important class of materials offering the opportunity to manipulate the magnetic state through the application of electric fields and tune ferroelectricity by a magnetic field. Multiferroic structures in bulk form are already being explored for field sensors and electrically tunable microwave devices, and oscillators. Thin films on the other hand, can be useful for magnetoelectronics including low dimensional spintronic devices with electric field tunable functions. The Workshop aims at stimulating a comprehensive discussion on new developments in the field of science and technology of these materials.

## Registration

Registration will close on 30 April 2013.

US\$300 for faculty staff, research fellows and the public.  
US\$100 for students.  
Fees waived for NTU staff and students.

For more information, please visit the website:  
<http://www.ntu.edu.sg/ias/APCTP>