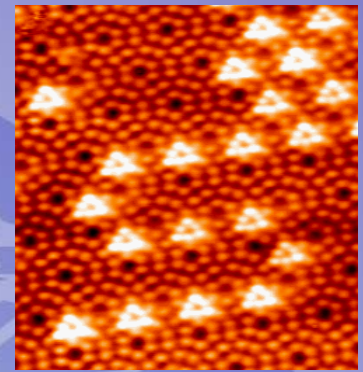


Institute of Physics Chinese Academy of Sciences



Research fields:

- ◆ **Superconducting physics**
- ◆ **Surface physics**
- ◆ **Magnetism and magnetic materials**
- ◆ **Optical physics**
- ◆ **Advanced materials**
- ◆ **Nanoscale physics and devices**
- ◆ **Extreme condition physics**
- ◆ **Theoretical physics**
- ◆ **Soft matter physics**





State Key Laboratory of Magnetism

Spintronics (X.F. Han)

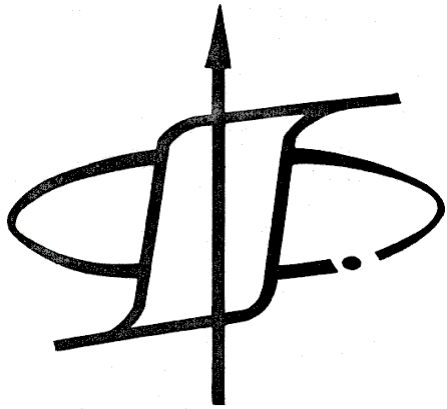
Rare-earth Transition Intermetallics and
Metal Oxides (J.R. Sun)

Magnetic Nanostructures (Z.H. Cheng)

Magnetic Single Crystals(G.H. Wu)

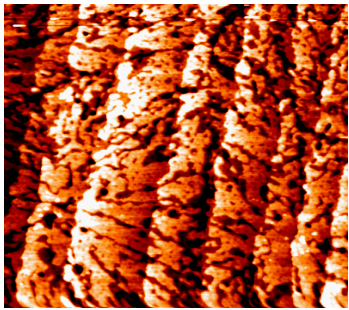
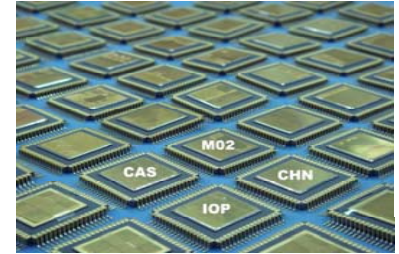
Magnetization measurements and
Public Services(T.Y. Zhao)

Research field



Data and Overview of State Key Laboratory for Magnetism

Professors 12
Associate professors 7
Assistant professors 1
Administrative staff 1
Technical staff 7



Ph. D and Master students 40

Academic presentations (2007) 40

Journal papers (English) 73

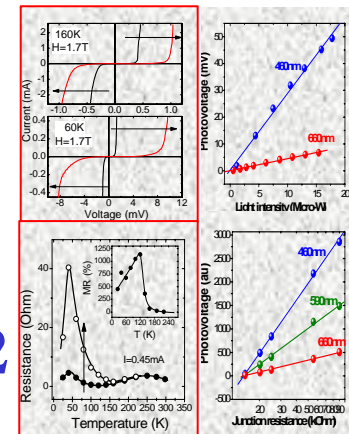
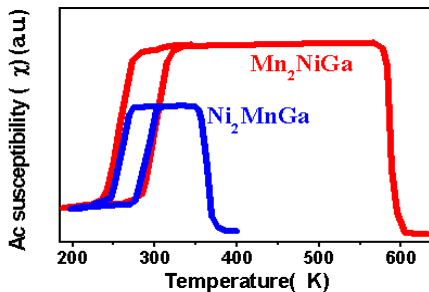
Journal papers (Domestic) 12

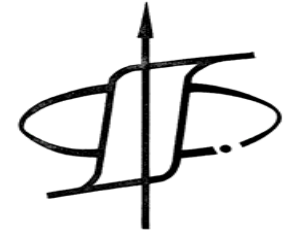
Budget (2007)

Operational grants 400,000 RMB

External funding 4,000,000 RMB

Total (US\$) ~ 600,000 US\$





International in my group

MIT, Brown U.,
J. Hopkins U.,

Delaware U.,
Maryland U.

Tohoku Univ.

Amsterdam U.

Taiwan Univ. Tsihua

Univ.(Taiwan)

Hong Kong S&T Univ.

Magnetostain in $Ni_{2+X}Mn_{1-X}Ga$
polycrystalline compounds prepared
by different methods

Toshiyuki Takagi
Institute of Fluid Science, Tohoku University, Japan

2001

AGREEMENT ON ACADEMIC EXCHANGE BETWEEN
INSTITUTE OF FLUID SCIENCE,
TOHOKU UNIVERSITY, JAPAN
AND
INSTITUTE OF PHYSICS,
CHINESE ACADEMY OF SCIENCE, CHINA

The Institute of Fluid Science, Tohoku University, Japan and Institute of Physics, Chinese Academy of Science, China finalize the following AGREEMENT with the objective of promoting both academic cooperation and exchange between the two institutions as follows:

- Each institution will make an effort to promote and develop cooperation in the following activities, based upon the principles of equality and reciprocity:
 - Participation in joint research projects
 - Exchange of academic materials and scientific publications
 - Exchange of academic staff
- In order to fulfill the above stated purposes a detailed plan will be formulated upon discussions between the two institutions.
- This agreement may be altered or replaced by mutual consent of the two institutions.
- This agreement is made in duplicate in English, all being equally authentic.

Date: May 10, 2001 Date: 01/25/2001

Prof. Junji YAN
Director
Institute of Fluid Science
Tohoku University

Prof. Wang En-Guo
Director
Institute of Physics
Chinese Academy of Science

AGREEMENT ON ACADEMIC EXCHANGE
BETWEEN
INSTITUTE OF PHYSICS, CHINESE ACADEMY OF SCIENCE,
PEOPLE'S REPUBLIC OF CHINA
AND
INSTITUTE OF FLUID SCIENCE, TOHOKU UNIVERSITY,
JAPAN

In a mutual desire to promote further international, educational and technological exchange, Institute of Physics, Chinese Academy of Science (People's Republic of China) and Institute of Fluid Science, Tohoku University (Japan) agree to the following framework of academic cooperation:

- Promotion of joint research and educational activities;
- Institution to absorb some visits of faculty members and researchers for lectures, conferences, seminars, and symposia or other academic activities;
- Exchange of information and pertinent publications in fields of interest in both institutes;
- Exchange of faculty members, researchers and students for study and research.

Other forms of cooperation may be established when agreed separately on each specific case.

The fields of study are to be designated for each case, based on mutual interests. The conditions for employing the achieved results as well as arrangements for specific visits and exchanges should be outlined by both institutes on each specific case.

- Both institutes understand that all financial arrangements will depend upon availability of funds in each specific case, which may be collaboratively and/or separately sought by both institutes.
- This agreement will become effective from the date of the signatures by the representatives of both institutes and valid for the initial period of five years. The agreement will be reviewed not less than six months prior to the natural termination of the current agreement and may be extended or renewed in mutual accordance. At any time, the terms of this Agreement may be amended by mutual agreement in a written notice.
- The agreement may be terminated by either institute with a six-month notice. No applications shall be considered after this notice; however, both institutes will continue to fulfill their obligations with the accepted exchange students until the completion of their study plans.

The agreement should be concluded in two original documents, both written in English language and being equally authentic.

Date: April 17, 2008 Date: April 4, 2008

Prof. Wang En-Guo
Director
Institute of Physics
Chinese Academy of Science

Prof. Toshiyuki Hayano
Director
Institute of Fluid Science
Tohoku University