## In Cooperated research on vortex states and Josephson Junction

To explore various vortex states and their characteristic in superconducting materials and Josephson Junction based devices

Joint research between ITS and Nottingham University (Department of Mathematics)

- Modelling and computational studies on vortex states
- Experimental verification with the existing data and proposed experiments

* Joint Publication in International Journal and Seminars

### Double degree for post-graduate students

International recognition and international education standard

Double Degree between Arch ITS and the University of New Castle Upon Tyne

Program will be started at 2013

Double Degrees students

### Joint supervisor for S2 and S3 program

International recognition and international education standard

Academic and research collaboration between ITS and University of New Castle Upon Tyne

Joint supervisor for S3 program

S3 graduates

### Sandwich program for S3 program

International recognition and international education standard

Academic and research collaboration between ITS and University of New Castle Upon Tyne

Several sandwich students from ITS visit University of New Castle Upon Tyne

Joint publications

### Joint supervision

Capacity building of lecturers

Academic and research collaboration between ITS and University of New Castle Upon Tyne

Dissertation defend for topic: Housing perspective for disable

Dissertation

### Double degree for post-graduate students

International recognition and international education standard

Double Degree between Arch ITS and the University of Derby

Program will be started at 2013

Double Degrees students

### Joint research

Synthesis and application of Nanoporous materials.

Research collaboration between ITS and The University of Manchester (Centre for Nanoporous Materials)

Metal-organic frame works for catalysts and hydrogen storage

Joint Papers

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### Increased Mobility Program

To provide educational enrichment for ITS’s students and also for foreign students visiting ITS

Student Exchange, Summer Course

Some of UK Students visit ITS and ITS students can visit UK in the form of exchange

ITS students gain international experience by joining the exchange or international events

### Joint and Double Degree

To offer particularly deep and meaningful international experiences to college and university students

Double Degree in Bachelor and Master Degree

Several departments can establish agreements with some educational institutions in UK for double degree in bachelor and master degree

In 2-3 years, there will be mobility program in double degree program

### Capacity building for lecturers and staffs in ITS

To strengthen the capacity of lecturers as well as the staffs

Capacity Building Training

1-2 training can be held in ITS involving the staffs and management especially for higher education management

The knowledge of higher education management will be gained through the training activities