

## Summer Short Exchange Training for UEC students at UESTC in 2011

**Period:** 35days From 25th August to 28th September 2011

**Location :** Institute of Astronautics and Aeronautics, UESTC  
No.2006 , Xiyuan Avenue, Chengdu, China

### **UESTC Supervisory staffs**

Prof. Xu Limei (xulimei@uestc.edu.cn)

Prof.Li Hui ([kelly.li@126.com](mailto:kelly.li@126.com))

### **UEC staffs**

Prof.Hisayuki AOYAMA ([aoyama@mce.uec.ac.jp](mailto:aoyama@mce.uec.ac.jp))

Prof.Aigou Ming ([ming@mce.uec.ac.jp](mailto:ming@mce.uec.ac.jp))

### **Number of Training student:**

大久保裕人(知能機械工学専攻博士前期課程 1 年)

篠崎瑞生(知能機械工学科 3 年)

衣松孝祐(電子工学科 3 年)

### **Program agenda:**

In this training program, three students from UEC can join to the technical training courses that are provided from Institute of Astronautics and Aeronautics under the technical support of UESTC graduate students as following schedule.

1st week:

- Guidance for life style in UESTC/Lab
- Technical and Culture tours around Chengdu
- Set up PC for linking to campus internet (email & skype)

2nd week:

- Know about how to use Lego Robot
- Collect information about the Lego Robot which can solve the rubik's cube

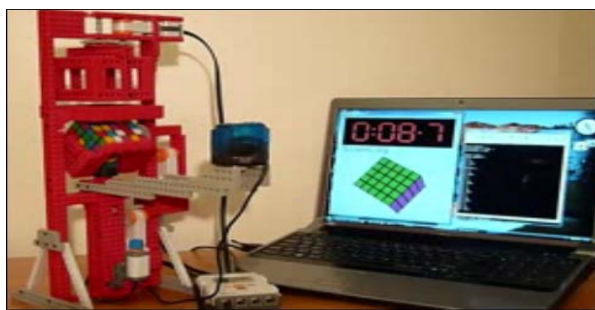
3rd and 4th week:

- Collaborate Project :
- (Mission: assemble, distinguish the color of the rubik's cube by the camera with PC, control the Lego Robot to spin the rubik's cube, and solve the rubik's cube at any situation.
- Make the report with motion picture and photo.

5th week

- Summarize the training results and the final presentation

In this training program, students from UEC can enjoy to learn the basic experiments of Robotics and Mechatronics fields and get a lot of experiences to collaborate with Chinese students to make the Lego Robot which can solve the rubik's cube.



UEC students collaborated to assemble Lego Robot with the ability to distinguish the color and control software to solve the rubik's cube.



Closing ceremony and the training certificates were given to UEC students