

# Global Chinese Conference on Computers in Education (GCCCE) 2010

## Tutorial Proposal

**1. Tutorial title:**

Let' s LEGO ROBOT!!

**2. Presenter name(s) & contact information (email, telephone):**

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**3. Tutorial format:** Hands-on (six hours) ◦

**4. A brief tutorial outline for website publication** (About 200 words)

What is robot? A cold machine? Or a smart assistant? Bill Gates predicted that robotics would be the next hot field. It showed that the future development of robot received more and more attention. Want to learn it, but feel too hard for you? Don' t worry about it! Learning Robot can be as easy and funny as playing LEGO bricks. Come here, and you will have a chance to create a robot by yourself.

**5. Intended audience:** People who want to learn robotics (Maximum number of participants: 16).

**6. Prerequisites:** No.

**7. Attendee Requirements:** We will work in a computer-lab. Participants have to bring their own laptops to write the program for the robots.

**8. Presentation language:** Chinese

**9. Presenter Requirements:** Yes, a computer-lab (with permission to install some free software tools, 10 plugs for laptops at least, a projector, and internet).

**10. Presenter bio(s)** (one paragraph, about 200 words)

The team comes from Graduate institute of Learning and Instruction, National Central University in Taiwan. The leader of the team, Dr. Eric Zhi Feng Liu, is a faculty researcher of Graduate institute of Learning and Instruction and Center of Teacher Education, National Central University in Taiwan. Dr. Liu is interested in Web 2.0, online discussion, and Robotics education. This team has two-year experience of integrating robotics into teacher education, teaching students at different ages to know more about robots, and hopes to share the experience of robotics education in Taiwan with others.

**11. Additional notes for reviewers: N/A**