

1st FLC
DIGITAL DESIGN

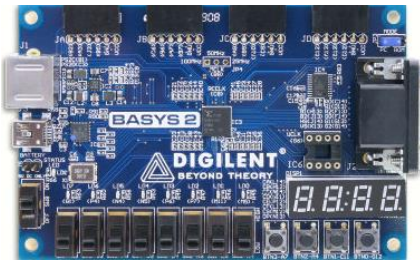
CONTEST

Prizes:

1st place: A DJI Spark drone

2nd place: A Digilent Zybo FPGA board

3rd place: A Raspberry Pi starter kit



We are recruiting teams for the 1st FLC DIGITAL DESIGN CONTEST

Resources available for your design:

- Digilent ZedBoard FPGA
- Digilent Basys 3 FPGA
- Raspberry Pi
- Arduino UNO
- Up to \$200 for materials and supplies
- Others upon request

How to join?

- Send an email to **Dr. Yiyan Li** (yli@fortlewis.edu) with your ideas (a 1-page max PDF file with a summary of your ideas and the materials/supplies needed).
- You will receive feedback on your project and If approved, you can get started.

1. The proposed projects can be FPGA based system-on-a-chip design, Digital ALU design, video/graphic control, Raspberry Pi based embedded system design, microcontroller based system automation, DIY drones... ..

2. Deadline for proposals: **3/4/2018, 5 pm.**

3. All the materials and supplies must be ordered before **3/15/2018.**

4. The project deliverables include a hardware product and a project report.

5. The project must be completed by **9/1/2018.**

The Contest Committee

Dr. Yiyan Li
Dr. Jeff Jessing

Dr. Christie Chatterley
Dr. Charles Hakes