Energy System Numerical Solvers based on FPGAs/GPUs

**PROJECT DESCRIPTION**

We use parallel processing technologies such as FPGAs and GPUs to develop numerical solvers for power system simulations. Programming skills in C/C++ are an asset.

**FACULTY-DEPARTMENT**

Engineering- Electrical and Computer Engineering

**OPEN TO STUDENTS FROM THE FOLLOWING INSTITUTIONS**

All

**DESired FIELD OF (STUDENT) STUDY**

Electrical and Computer Engineering, Electrical Engineering, Computing Science

**INTERNSHIP LOCATION**

University of Alberta Main Campus - Edmonton

**NUMBER OF INTERNSHIP POSITIONS**

Up to 2

**INTERNSHIP START DATE**

January 2, 2018

**INTERNSHIP END DATE**

March 31, 2018

**ARE THE DATES FLEXIBLE?**

Yes