

Control engineering research positions (with specialization in Nuclear Power Plants) available at the University of Western Ontario

As part of a new initiative among several leading Canadian nuclear power engineering organizations and the Canadian government, the University Network of Excellence in Nuclear Engineering (UNENE) has been established. Among nine participating universities, the University of Western Ontario will devote to the research in the area of control, instrumentation and electrical systems for nuclear power plants. As a result, several research positions, at Masters, Doctoral and Postdoctoral levels have become available to support the research activities in the following areas:

- Fault detection and diagnosis in instrumentation and control systems
- Distributed control systems and network-based fault-tolerant control
- Reliability and safety analysis of redundant systems
- Reactor dynamics and advanced control systems
- Power plant and power system simulation

Interested candidates should have interests and relevant background in one of the above areas and should have some basic course work or research experience related to nuclear power engineering. Full scholarships will be granted for qualified degree-seeking candidates in the form of Research Assistantship (RA) and Teaching Assistantship (TA). Attractive stipend will be paid to post-doctoral research fellows. The candidates should have genuine interests to engage industry related research and have strong communication skills to work with other members in the research group.

To apply, please send (by mail or e-mail) complete curriculum vitae with a list of publications/qualifications and the names & addresses (including e-mails) of three references to

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A junior faculty member in the above area may also become available. For more information, please contact Prof. Jiang at the above address.