



**The University of Western Ontario
Department of Electrical and Computer Engineering**

**Postdoctoral Position
Cooperative Distributed Systems Engineering Group**

One postdoctoral position is now open for suitable applicants who are enthusiastic about a leading role with Cooperative Distributed Systems Engineering Group at the University of Western Ontario (<http://www.engga.uwo.ca/cdsgroup/>).

We are looking for a self-motivated researcher to work in an exciting and challenging *Industrial R&D* project "*Intelligent Collaborative Agent-based Systems for Promotion Management*" in our EK3 Innovation Lab. The project involves three professors, three Ph.D. and two Masters students as well as two senior technical managers and four senior engineers from EK3 Technologies Inc.

The overall goal of the project is to develop the next generation of intelligent narrowcasting solutions, by which business intelligence, smart devices, and intelligent network management are utilized synergistically to strengthen business-customer relationships and increase profitability and customer satisfaction.

The main R&D activities include

- Modeling the intelligence of the business at two layers
 - Business-model in terms of business objects and rules
 - Business Intelligence
- Decentralized intelligent dynamic promotion scheduling
 - schedule-repair techniques to enable scheduling to react effectively to real-time operational and strategic events
 - economic-based approaches for decentralized scheduling
- Next generation smart devices network
 - embedded scalable agent-based pervasive computing architectures for smart devices

Applicants should have a PhD in Software Systems Engineering, Information Engineering, Computer Science, or any related discipline. Strong background and experience in complex system analysis and design are required. Applications will be accepted until Dec 15, 2007. Send CV, brief statement of research interests, e-mail address, and contact information of three references to:

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Cooperative Distributed Systems Engineering Group

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