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South Saskatchewan IEEE

Annual General Meeting (AGM)

Distinguished Speaker: Pierre Bourque

“The Maturation of Software Engineering as a Discipline and Recognized Profession”

- DATE:** **Wednesday, October 28th, 2009**
- LOCATION:** **University Club**
215 College West Building
University of Regina
- PROGRAM:** 6:00pm Registration and Cocktails (Cash Bar)
6:30pm Supper
7:30pm Keynote Address
8:30pm Annual Meeting
- COST:** **\$10 Students/\$20 IEEE Member/\$30 Non-Members**

RSVP by Email: As seating is limited, if you are planning to attend the AGM, please RSVP by email to the South Sask. Computer Chapter Chair:

craig@gelowitz.org

Speaker Biography

Pierre Bourque is an associate professor and the director of a professional master's degree program in software engineering at École de technologie supérieure, Université du Québec, Canada. He is coeditor of the 2001 and 2004 versions of the Guide to the Software Engineering Body of Knowledge (SWEBOK) project, sponsored by the IEEE Computer Society and funded by numerous industrial partners. The SWEBOK Guide is recognized as an ISO Technical Report. He is also coeditor of the upcoming 2010 version of the SWEBOK Guide. He is currently a member of the Computer Society's Professional Activities Board and acts as liaison to the Educational Activities Board. He is a member of the Distinguished Visitor Program and was the recipient of an Outstanding Contribution Award from the Computer Society in 2001. He is currently running as a candidate to be member of the Board of the Governors of the IEEE Computer Society.

Bourque received a PhD from the University of Ulster (Northern Ireland) on the topic of the maturation of the software engineering discipline and profession. Prior to his academic appointment, he worked in software engineering, data modeling, and database design at the National Bank of Canada from 1987 to 1995.

The Maturation of Software Engineering as a Discipline and Recognized Profession

In spite of the millions of software professionals worldwide and the ubiquitous presence of software in our society, software engineering has only recently begun to reach the status of a legitimate engineering discipline and a recognized profession. This is due notably to the concerted effort of the international software engineering community over the past 10 years. The speaker has participated very actively in some of these efforts.

In this talk, the speaker will seek to answer some fundamental questions such as what is discipline, what are the components of a recognized profession, how does software engineering stand in regard to the components of a recognized profession, is software engineering truly an engineering discipline, how does software engineering relate to computer science, to computer engineering, to project management, and is licensing necessary to be recognized profession. The talk will then provide an overview of the Guide to the Software Engineering Body of Knowledge (SWEBOK) and show its role in regard to the maturation of software engineering as a discipline and a recognized profession.