

The IEEE South Alberta Section's Computer Society
presents a seminar titled:

The Maturation of Software Engineering as a Discipline and Recognized Profession

Speaker: Dr. Pierre Bourque
École de Technologie Supérieure (ETS, School of Higher Technology), Montreal



Monday, October 26, 2009 @ 3–5 pm

WHO SHOULD ATTEND? Persons who are interested in software engineering.

LOCATION: Room ENA 201, University of Calgary

COST: Free to IEEE members (please bring your membership card). \$3 non-members.

Abstract:

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.

Speaker's 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.

Seminar Coordinator:

Dr. Vahid Garousi, PEng, vgarousi@ucalgary.ca, Computer Chapter Chair of the IEEE South Alberta Section.

For more information, visit: <http://sas.ieee.ca/computer>

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