

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

Estimating Effort and Duration of Software Projects - ISBSG A Multi-Organizational Project Data Repository for Project Estimation and Benchmarking

Speaker: Dr. Pierre Bourque

École de Technologie Supérieure (ETS, School of Higher Technology), Montreal



Tuesday, October 27, 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:

The construction of an estimation model, whatever estimation method is used, usually requires a set of completed projects from which an estimation model is derived and which is used thereafter as the basis for the estimation of future projects. Until fairly recently, for those organizations without their own historical data sets for building estimation models themselves, and who could not afford the long lead time to do so, few alternatives were widely available. The International Software Benchmarking Standards Group (ISBSG) is dedicated to the development and management of a multi-organizational repository of software project data. This talk presents the resources available from ISBSG and how to leverage them in your own context for benchmarking and estimation purposes. An example of building project duration models and a case study of a "reality check" of estimates developed otherwise will illustrate how ISBSG can be used in your projects.

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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