

Department of Computer Science

Seminar

- SPEAKER:** Dr. François Coallier, Eng. Ph.D.
Professor and Chair of the Department of Software and IT Engineering
École de technologie supérieure
- Title:** “What Does Engineering Mean in 'Software Engineering'?”
- Date:** Thursday March 26, 2009
- Time:** 18:00 pm.
- Place:** EV 2.184, Concordia University, SGW Campus, EV002.184
1515 St. Catherine West (Metro Guy-Concordia)

ABSTRACT

There are many misconceptions in parts of the IT community about Software Engineering. The most common are that Software Engineering is a branch of Computer Science and that teaching Software Engineering properly is purely a matter of curricula. This presentation will make the case that the foundations of Software Engineering include Computer Science, Systems Engineering, Industrial Engineering and Project Management. It will also demonstrate that teaching Software Engineering imply communicating a strong cultural element that transcend curriculum topics.

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BIOGRAPHY

François Coallier is the chair of the Department of Software and IT engineering at the École de technologie supérieure (ÉTS), one of Canada's leading engineering school, affiliated to the Université du Québec network.

He has nearly twenty-two years of industrial experience in one of Canada's largest companies, where he held various engineering and managerial positions in engineering, quality engineering, IT procurement, IT infrastructure deployment and operation and IT Enterprise Architecture Management.

Dr. Coallier has been continuously involved in software and systems engineering standards development since 1984, being the international Chairman of the Joint ISO and IEC subcommittee responsible for the elaboration of Software and Systems Engineering Standards (ISO/IEC JTC1/SC7) since 1997. In addition, he has been the convener of the ISO/IEC JTC 1 Special Working Group for Technology Watch on international IT standardization from 2002 to 2007.

François Coallier has a B.Sc. in Biology from McGill University, a B. Eng. in Engineering Physics, an M.A.Sc. and Ph.D. in Electrical Engineering from Montréal's École Polytechnique.

He is a Fellow of the American Association for the Advancement of Science (AAAS), a Senior Member of the Institute of Electrical and Electronics Engineers (IEEE) and the American Society for Quality (ASQ) and a Golden Core Member of the IEEE Computer Society.

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