

IST-EC partnering event

**École de technologie supérieure
Université du Québec**

Paris

December 4, 2003

L'École de technologie supérieure (High Technology School)



- A fast growing university:
 - ◆ 4700 students (1100 in 1989)
 - ◆ 2 new buildings in the downtown Montreal
- Software Engineering, a new discipline, with new programs (Bachelor, Master, Doctorate), such as an IT engineering
- Students need a professional education to register

Software Engineering at l'ÉTS

■ A group of professors deeply involved in:

- ◆ The SWEBOK project of IEEE:
 - ✦ Alain Abran
 - ✦ Pierre Bourque
- ◆ The ISO SC7:
 - ✦ François Coallier, president
 - ✦ Witold Suryn, secretary

■ Areas of research

- ◆ Metrics and measures
- ◆ Quality assurance
- ◆ Component-based development

Éric Lefebvre in Software Engineering

- Has worked at software reuse for 15 years
- Has evaluated generic business components to build enterprise models
- Has built generic business component models with Peter Coad, the OO evangelist
- Is contributing to automate the system development process with analysis patterns and generic elements

Éric Lefebvre in Software Engineering

Looking for partners interested by:

- ◆ Reuse
- ◆ Analysis patterns
- ◆ Automating model translation according to MDA:
 - ◆ Computation independent model
 - ◆ Platform independent model
 - ◆ Platform specific model
 - ◆ Code