CRA Snowbird '98 Conference
July 26th to July 28th

Workshop on
Software Engineering Programs: Curriculum and Control

Monday, July 27, 3:30 to 5:00

Organizer:

- Ken Sevcik, Univ. of Toronto sevcik@cs.toronto.edu

Leadoff Speaker:

- Dennis Frailey, Raytheon Systems, Co. d-frailey@ti.com

Panelists:

- John Gannon, Univ. of Maryland gannon@cs.umd.edu
- Rich LeBlanc, Georgia Tech rich@cc.gatech.edu
- Nancy Leveson, MIT leveson@mit.edu
- Stu Zweben, Ohio State zweben@cis.ohio-state.edu

Overview:

Software Engineering programs have gained prominence and importance as the demand for talented software practitioners has increased. This raises questions regarding many aspects of the education of people who will have careers based on working with software.

The leadoff speaker will report on two important current issues:

* recent work of the ACM/IEEE joint committee on Software Engineering as a Profession, and
* the recent decision by the Texas Board of Professional Engineers to license software engineers.

Some Other Questions That May Be Addressed:

(1). What are the core elements that should be included in a degree program in Software Engineering?

(2). What existing curricula in software engineering are good models on which to base new programs?

(3). What is the appropriate level for specialization in software engineering ... Bachelor's or Master's level?

(4). To what extent does / should education of software practitioners differ inside and outside Faculties of Engineering?

(5). How should / will the accreditation of software engineering degree programs and options be carried out in the future?

(6). What form of certification or licensing (if any) is appropriate for people working as software professionals?