The year 2002 marks several important milestones in the software engineering education and professionalism community: Firstly, SWEBOK has reached a level of maturity in which it is starting to see active use in industrial and academic teaching; secondly, a flood of software engineering undergraduate programs are approaching the accreditation stage in Canada and the US, completing the wave started several years earlier in Australia and Europe; and thirdly the ACM is developing a version of its Computing Curriculum 2001 tailored to software engineering.

However, important disputes still rage: Some people still argue about what should be included under the definition of software engineering, and many argue about the detailed topics that software engineering students should be taught. Various entities and jurisdictions juggle for some form of control over software engineering; one casualty has been the banishing of the term ‘software engineering’ from the IEEE Computer Society’s “Software Development Professional” certification; another has been the failure in Canada to ratify an agreement for a single body to accredit software engineering programs.

It is in the context of these issues that we welcome you to what we hope to be lively discussions in the 15th Conference on Software Engineering Education and Training (CSEE&T) 2002.

The program includes the following exciting options:

**Keynotes:** We are very lucky to have attracted three excellent keynote speakers. Nancy Leveson from MIT will talk on Monday morning about, “The Future of Software Engineering Education”; eminent author and consultant Ed Yourdon will present, “Preparing Software Engineers for the ‘Real World’” on Tuesday morning; and F.C. Kohli, grandfather of the Indian IT revolution, will talk on Wednesday morning about “Creating Software Engineers — A Systemic View.”

**Invited Talk:** Dennis J. Frailey from Raytheon Company and Southern Methodist University, plus James Mason from Securities Industry Automation Corporation, will present “Using SWEBOK for Education Programs in Industry and Academia” during lunch on Tuesday.

**Papers:** We received a total of 39 submissions; these were refereed by a team of 51 reviewers. Almost all papers received three reviews; some received four or five. In the end the program committee chose 23 papers for publication, of which 16 are regular papers and 7 have been classified as experience reports.

**Panels:** We have organized four panel sessions discussing: “Changing Conditions for Undergraduate Software Engineering Programs”, “The Canadian Experience in Licensure and Accreditation”, “Software Engineering Masters Programs – Lessons Learned”, and “The Software Studio in Software Engineering Education.”


**Tutorials:** We also have four tutorials. Daniel Port and Barry Boehm will present, “Introducing Software Economics within SWE Project Courses”; David Klappholz, Lawrence Bernstein and Catherine Kelley will present, “Measuring, Changing, and Measuring Changes in: Students’ Attitudes Toward and Understanding of Software Engineering Process”; Massood Towhidnejad and Thomas B. Hilburn will present, “Software Quality Across the Curriculum”; and Cem Kaner will present, “Legal Issues of Interest to Software Engineering Educators.” The latter two tutorials will be held on Tuesday evening.

**SIGCSE:** The last day of CSEE&T 2002 coincides with the start of the conference of the ACM Special Interest Group on Computer Science Education. SIGCSE attendees can benefit from a special rate allowing them to attend CSEE&T for Wednesday only.

CSEE&T could not be put together without the assistance of many people. We thank the steering committee, program committee and reviewers listed on the following pages. A special thanks goes to Dawn Ramsey who took care of registration and Bob Werner of the IEEE Computer Society who helped prepare the proceedings.

Timothy C. Lethbridge, Program Chair
W. Michael McCracken and Michael Lutz, General Chairs