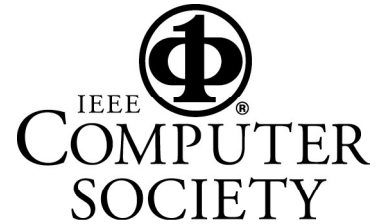


Recent Advances in Requirements Engineering

Brian Berenbach



Many systems engineering and software practitioners may be unaware of recent advances in requirements engineering technology. This talk will describe current challenges in requirements engineering and present some emerging technologies that hold great promise for meeting those challenges. New requirements engineering techniques in areas such as dynamic and rich traces, the unified requirements modeling language, software reconnaissance, natural language processing, automated test case generation, as well as other promising tools and methods will be described in this talk.

Brian Berenbach is the manager for the requirements engineering focus program at Siemens Corporate Research. Brian has been working in the field of requirements engineering for over 20 years, first as a consultant and later as a senior member of technical staff at Siemens Corporate Research in Princeton. Recently at Siemens, his program has been involved with requirements definition for such diverse products as medical systems, baggage handling, mail sorting, automated warehouses, and embedded automotive systems.

Date: Thursday, November 15, 2007, 8:00 pm.
(Refreshments and networking at 7:30 pm.)
Place: Sarnoff Corp., Routes 1 and 571, Princeton, NJ
Information: Dennis Mancl (908) 582-7086, David Soll (215) 854-3461
On-line info: <http://www.acm.org/chapters/princetonacm>

All ACM / IEEE-CS meetings are open to the public. Students and their parents are welcome. There is no admission charge, and refreshments are served.

A pre-meeting dinner with the speaker is held at 6:00 p.m. at Ruby Tuesday's Restaurant on Route 1. Please send email to princetonacm@acm.org in advance if you plan to attend the dinner.

