CSE TECHNOLOGY WEEK 2000

Affiliates’ Steering Group Topics

- General feedback on Annual Research Review
  - Form, content, priorities

- Discussion of NSF support letter
  - See attached handout

- Discussion of Affiliates-only Web site
  - See attached handout

- Other topics
Affiliates Private Area

Contents and Access
Contents

The Right stuff ... Easy to Access ... We keep records

Multiple ways to view/select

• What's new (reverse chronological list of additions)

• By topic
  – MBASE
  – WinWin
  – COCOMO II & COCOMO Suite

• By type of material
  – Software
  – Tech Reports
  – Events
  – Presentations
  – Tutorials
  – COCOMO Book
  – Links
Access Control
Ultimately each individual user is logged

http://sunset.usc.edu/affiliates_private_area/affiliate_area.html
Access Control (cont.)

Initial Access

• Login with Affiliate's generic username & password; supplied by Affiliate Contact Point

• Request access via direct contact with CSE
  – Affiliate's alternate generic username & password provided to user
  – Contact Point informed of grant of access

Each user requested to give name, address, phone and email address; and enter desired password

• email address used as username
• password is user selectable
February 8, 2000

Dear (Affiliate),

I'd like to ask you to prepare a letter of support for our research program that could help us to significantly strengthen and to expedite transition of its results. Our USC Center for Software Engineering (USC-CSE) is preparing to submit a major NSF research proposal to extend and refine our current Model-Based (System) Architecting and Software Engineering (MBASE) approach, and to experimentally apply it to industry and government projects. The proposal seeks roughly $1M per year of support for 5 years, as part of NSF's major new Information Technology Research (ITR) initiative.

I'm enclosing a copy of our pre-proposal, entitled "Toward a Unified Theory of Software Engineering." It proposes further research in our component areas of process models (spiral model extensions), product models (SAAGE, UML Analyzer, connector-based composition), property models (COCOMO II, CORADMO, COQUALMO), and success models (stakeholder win-win extensions). It also proposes research to integrate these and other models into our unified MBASE approach; to formalize the MBASE relationships; to develop MBASE education materials and approaches; and to experimentally apply the results, initially within our Digital Library projects domain and subsequently to industry and government applications.

A major evaluation criterion for the NSF ITR proposals is the degree of industry and government interest in experimenting with, evaluating, and using the proposed research results. I would very much appreciate it if you could write me letter expressing such interest and support. For best results, the letter would cover such topics as:

- Your support of research to date via the USC-CSE Affiliates’ program, both financially and via contributions to our Workshops and related activities.
- Your assessment of the relevance and utility of our research results to date and prospects for the future.
- Your willingness to participate in future workshops and collaborative activities involving the research, and to experiment with future research results.

Any other supportive comments would be welcomed as well. For example, managers who have hired our MBASE-educated graduates consistently report that they are considerably better prepared to be effective on industrial projects.

At this point, I'd just like an indication that you would be willing to contribute such a letter between February 21 (when I notify you that our pre-proposal was
selected for the final competition) and March 28 (the final proposal is due April 5, 2000). For those of you who provided us with a similar NSF letter last year supporting our local educational efforts (Aerospace, Litton, Lockheed Martin, Northrop Grumman, Rational, TRW, and Xerox), I'd appreciate your contributing a somewhat revised letter, and assure you that this letter should be the last one we'll need for a few years.

Please let me know if you have any questions. Winsor Brown will follow up with you to see if you're willing to contribute a letter.

Best regards,

BB

encl: NSF ITR Pre-proposal