



NATIONAL COUNCIL ON SYSTEMS ENGINEERING

San Francisco Bay Area Chapter

ATTENTION SYSTEM ENGINEERS !!!!!

Come and participate with colleagues from the Bay Area's premier system engineering companies in informal interactive evening meetings combining timely short system engineering talks by industry leaders and social interaction with system engineers from your and other local companies. All are welcome.

Next Meeting:

Time: Tuesday, February 9. 5:45 PM Social "45-Min" (hors d'oeuvres); 6:30-7:30.

Talk followed by questions.

Place: LORAL Cafeteria, 1260 Crossman at Java/Fair Oaks. Enter cafeteria at center of building on side facing Java/Fair Oaks.

Cost: advance reservation: \$4 (members/students), \$6 (non-members);

at door: \$5 (mem/stu) \$8 (non-members). Make checks payable to: NCOSE - SFBAC

Reservations required, call: Jan Stillwell (Loral) 408-734-6056, Aurora VanGroningen (Lockheed) 408-742-4075, Pat Nash (GTE) 415-966-2934, or Mary Such (ESL)

408-743-4274

Topic: Computer-aided Requirements Management: The talk will cover two topics:

- (1) An industry survey of requirements management practices, and
- (2) A requirements management system, called **PRODUCTTRACK™** that has been developed under the DARPA Initiative on Concurrent Engineering (DICE) and adapted to both business and technical use. **PRODUCTTRACK™** is unique in that it incorporates an inference engine to support automated verification of requirements.

Presenter:

Dr. Frederick (Rick) Hayes-Roth, an internationally recognized authority on the applications of artificial intelligence and the design and engineering of intelligent systems. Dr. Hayes-Roth has directed dozens of engineering applications for both commercial and government customers. He received his A.B. in Applied Mathematics from Harvard University, his M.S. in Computer and Communication Sciences from the University of Michigan, and his Ph.D. in Mathematical Psychology from the University of Michigan. He has served on the faculties of MIT, Carnegie-Mellon, and Stanford, as well as several editorial boards. He has published more than 100 technical papers.

Next Meeting: Tuesday, March 9. **Topic:** System Engineering Maturity Model - Al Reichner.