

18th COCOMO/SCM Forum Agenda

Wednesday, Oct 22nd :

7:30-8:00 Continental Breakfast

8:00-9:40 COCOMO II Extensions – moderator Dr. Barry Boehm

Dan Strickland, Dynetics; Pam McDonald, Charles Wildman, THAAD Project Office

NOSTROMO: Using Monte Carlo Simulation to Model Uncertainty Risk in COCOMO II

Ye Yang, Ricardo Valerdi, USC;

Initial COCOMO II.2003 Data Analysis

Michael Douglas, U. Of So. Florida;

The Impacts of the Handoffs on Software Development

Ye Yang, Ricardo Valerdi, USC;

Revisiting the COCOMO II SCED Cost-Schedule Driver

Rick Hefner, Northrop Grumman;

Use of Historical Data by High Maturity Organizations

9:40-10:10 Break

10:10-11:50 COCOMO II Extensions; Systems Engineering – Don Reifer

Brad Clark, SoftwareMetrics:

COCOMO Rating Scale Elaborations

Barry Boehm, Winsor Brown, Ray Madachy, Ye Yang, USC;

COPLIMO: A Product-Line Investment Analysis Model

Lee Fischman, Mike Ross, Galorath;

A Normalized Use Case Metric

Ricardo Valerdi, USC; Michael Ernstoff, Raytheon; Paul Mohlman, Aerospace; Don Reifer, USC-RCI; Evin Stump, Galorath;

Systems Engineering Sizing in the Age of Acquisition Reform

Ricardo Valerdi;

COSYSMO

11:50-12:50 Lunch

12:50-1:50 Value-Based Modeling – moderator Dr. Barry Boehm

Ray Madachy, USC-CostXPert,

A Value-Based Software Product Model

LiGuo Huang, Barry Boehm, Apurva Jain, USC;

iDAVE: Information Dependability Attribute Value Estimation

Sunita Chulani, IBM;

Metrics for Managing Customer View of Quality: Recent Results

1:50-2:20 Break

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Wednesday, Oct 22nd (Cont'd):

2:20-4:00 Data Analysis – moderator Sunita Chulani
Ed Colbert, USC;
COCOMO II Security Extensions
Xishi Huang, U. of W. Ontario, Canada;
An Intelligent Approach to Software Cost Prediction
Linda Brooks, Northrop Grumman;
Costing COTS Integration: Summary
* This will be a brief overview of the presentation. The full presentation will be presented during the LA SPIN Meeting.
Don Reifer, USC-RCI;
Industry Cost and Quality Benchmarks
Richard Selby, Northrop Grumman;
Management Use of Software Cost and Productivity Measures

4:00-5:00 Tool Demo Descriptions – Winsor Brown

5:00-7:00 Reception and Tools Fair, 3rd Floor, Henry Salvatori Bldg.

- SAL 329 DBAccess COCOMO- Janet Chu
- SAL 330 COCOTS-Ye Yang
- SAL 330 COPLIMO-Ye Yang
- SAL 329 COSYSMO-Ricardo Valerdi
- SAL 332 COPROMO-Winsor Brown
- SAL 332 CORADMO/COPSEMO- Winsor Brown
- SAL 330 IDAVE-LiGuo Huang
- SAL 316 New Code Counter-Sushil Choudhari
- SAL 337 Agile COCOMO II-Gunjan Sharman
- SAL 337 COCOMO II-Keun Lee
- SAL 324 NOSTROMO-Dan Strickland
- SAL 324 COSTAR-Dan Ligett
- SAL 318 COSTXpert-Ray Madachy

7:00-8:15 LA SPIN Meeting
Linda Brooks, Northrop Grumman;
Costing COTS Integration
** Please refer to presentation in the Data Analysis Section