Welcome to this joint ANSI/SES Webinar
*Developing Standards Professionals: Competencies, Training, and Mentors*
Wednesday, October 21, 2015
from 1:00 – 2:30 pm ET

**Bob Noth**, Former Chairman of the Board for ANSI and Retired Manager of Engineering Standards at Deere & Company

**Elaine Newton**, Deputy Standards Liaison of the National Institute for Standards and Technology, Information Technology Laboratory

**Donald Deutsch**, Vice President and Chief Standards Officer at Oracle
“S” is for Standards: A standards career at NIST

Elaine Newton, PhD
Deputy Standards Liaison
NIST Information Technology Laboratory

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How I Got Involved

- Joined NIST in 2005
- Sent to my first standards meeting shortly after I started
- Most standards experience is in biometric committees
  - ANSI/NIST ITL
  - ISO/IEC JTC 1 SC 37
Challenges

• Take-offs
  – Proposals and/or first drafts (and proposals without first drafts)

• “Personnel Problems”
  – Editors, Chairs, etc
  – The lesson – Tips to avoid having ‘that awkward meeting’

• Technology

• Money, money, money

• Landings
  – Groups and people
More Challenges...

• A blessing and a curse – internet access in meetings

• Good challenges –
  – Challenges to scope and content – especially when dealt with early
  – Lots of comments (especially when provided with proposed changes)
  – New members

• The Ultimate Challenge
  – Who cares about the project(s) you care about?
Standards Engagement: Sideline to Career

Don Deutsch
Vice President
Chief Standards Officer
ORACLE

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Getting Started

• Undergrad & MBA
  – BS: Systems Analysis/Computer Science
  – MBA: Operations Research/Info Systems
    • Grad Assistant/Lab Instructor: Computer Science

• IT Consultant – Public Accounting

• Back to College (U of MD College Park)
  – Full-time Instructor: Info Systems management
  – Doctoral Student: Management Science
    • Modeling & measurement of DBMS performance
Pressures of Life

• Evolving Personal Life
  – Wife
  – Children
  – Mortgage

• Part-time Then Full Time Appointment NIST
  – 50/50% agreement
  – Reluctant participant in 1st DBMS standards effort
    • Mentors: Robert Rountree & other NIST staff
      System Vendor representatives/trial by fire
  – Built NIST DBMS research & standards group
Software Engineering Manager

• Private Sector (GE) to Build DBMS
• Increasing Responsibility:
  – 1st line manager of DBMS development team
  – 2nd & 3rd line manager
    • DBMS development further removed but always there
• Continued DBMS Standards Engagement
  – From major focus to
  – Sideline
• External Network – for this & future jobs
Taking the Plunge

• Sybase Seeking Standards Legitimacy
  – Built small corporate standards team
    • Provided technical expertise/depth beyond self
  – Engaged at administrative/board level
    • Mentors: Karen Higginbottom & INCITS staff

• Financial Difficulty
  – Reduced standards team
  – Back to line engineering management position
    • General Manager Boulder CO facility

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• Corporate Standards Coordination/Oversight
  – All business units and geographies
  – Reporting to Chief Architect (reports to LJE)
  – Personal & small team engagement:
    • Administrative/Boards where broad interests
    • DBMS – why stop now?
• Representing to Governments Company Positions on Standardization Issues
• Mentoring 465+ Standards Participants
How I Got Involved in “Standards”

Bob Noth

Former Chairman, ANSI Board
Retired, Manager of Engineering Standards, Deere & Company
How I got involved

• Cost reduction
• Improved efficiency
• Long range objectives
• Tailor the process to Deere/Industry wants & needs
• ISO 9000 (MSS genre)
• EC 92
Mentoring

• Management Expectations
• Experienced Deere participants

• Outside Influencers
  • Trade Associations
  • Competitors
  • SDO’s
  • Industry Consortiums
  • Professional Societies
  • Educational Institutions

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Advice

• Standards are a means to an end so focus on the bigger picture
  – Learn to separate BS from Fact
  – Beware of hidden agendas
  – Recruit allies & develop relationships
  – Know what you need from the process vs what you want from the process.
  – Keep your organization informed.
Moderated Questions
Thinking about becoming an SES Member?

Did you know? For the cost of two webinars you could become an Individual Member

SES Membership is open to anyone interested in the principles, techniques and effects of standards and standardization.

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**Organization Membership:** Register up to ten employees as Individual Members of SES who will receive the bimonthly journal, *Standards Engineering*, attend conferences and training courses at reduced rates, and take advantage of professional growth opportunities for one membership fee.

**Student Membership:** For college students preparing for a career working with standards. Receive the bimonthly journal, *Standards Engineering*, attend conferences and training courses at reduced rates, and take advantage of professional growth opportunities. *Student Membership is only $15 per year!*

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Upcoming SES Webinars

Wednesday, November 18, 2015 at 1:00 PM EST
Joseph Bocchiaro III, Ph.D., Principal Consultant, The Sextant Group

*What to do About SES-1 and -2!*
*Note: This webinar is free non-members.*

☞ No webinar in December ☞

Wednesday, January 20, 2016 at 1:00 PM EST
Andy Freed, President and Greg Kohn, Senior VP, of Client Services, Virtual, Inc.

*Making Your Technical Working Group Work: Strategies for Success*

Visit the SES website at [http://ses-standards.org](http://ses-standards.org) for webinar information

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