August 10, 2017 Standards in Context: Skill Requirements, Pedagogy and Research

AGENDA (7:30 registration, continental breakfast)

8:15 Welcome
8:30 Defining standards skill requirements: government and industry perspective
   Donggeun Choi (Korean Standards Association – on new APEC career path initiative)
   Sandra Drechsler (Karlsruhe Institute of Technology)
   Alec McMillan (Rockwell Automation)
   Fumihiro Nakayama (Ministry of Economy, Trade and Industry, Japan), Toshiaki Kurokawa
   Tim West (John Deere)
   Q&A/Discussion

10:15 BREAK

10:30 Training and University Course/Program current and emerging examples and models (A)
   Tom Smith (Michigan State University – standards and workforce development projects)
   Steve Elliot (Purdue University – reviewing standards in engineering courses)
   Manabu Eto (Hitotsubashi University), Kunimitsu Iwadare (Japan Standards Association)
   Anne Layne-Farrar (NU Law – reviewing masters in science in law standards component)
   Q&A/Discussion

Noon LUNCH

12:45 Training and University Course/Program current and emerging examples and models (B)
   Sunghyun Park – reviewing KSA courses geared to elementary to grad school and industry training
   Don Purcell (School of Engineering, Catholic University - review of Engineering, Public Policy and Ethics programs, issues and opportunities)
   Anne Wilcock (University of Guelph standards in business courses; National Academic Challenge)
   Kenneth Balkey, ASME (Standards Infusion efforts – modules used in 20 engineering schools)
   Q&A/Discussion

2:15 Literature and Research {including review of recent papers}
   Justus Baron (Searle Center on Law, Regulation, and Economic Growth, NU Pritzker School of Law; reporting on a range of research projects and on Searle Center data base);
   Knut Blind (Technische Universität Berlin) - video presentation
   Henk DeVries (Erasmus University incl. describing his new strategic management of standards book)
   Q&A/Discussion

3:25 BREAK

3:40 A fun challenge – evolving a text-free standard
   Tim West, Jeff Strauss (Northwestern Buffett Institute)

4:25 Pedagogy: cases, stories and simulations
   Signe Annet te Bøgh (Danish Standards – various simulations)
   Daniele Gerundino (ISO, ISO simulation)
   Stephen Kwan (San Jose State University (competition, cases and IEEE MOOC)
   Susan Tatiner/Jennifer McCain, IEEE (IEEE simulation)
   Q&A/Discussion

ADJOURN: 6:00 (RECEPTION FOLLOWS)