

National Institute of Standards & Technology (NIST)

***HOW WILL STANDARDS SHAPE THE DIGITAL ECONOMY?  
IMPLICATIONS FOR POLICY AND TEACHING***

Hosted by Harvard University and Sponsored by IEEE

**DAY 1: THURSDAY, SEPTEMBER 8, 2016**

**9:00am – 5:00pm**

**Location: Gutman Conference Center, Harvard Graduate School of Education  
6 Appian Way, Cambridge MA 02138**

- 9:00           **Registration/Coffee**
- 9:30           **Welcome**  
                  **David Eaves**, Fellow, Kennedy School, Harvard University (host)  
                  **Gordon Gillerman**, Director, Standards Coordination Office, National Institute of  
                  Standards and Technology (NIST)
- 9:50           **Overview of Agenda**  
                  **Jeffrey Strauss**, Associate Director, Northwestern University Buffett Institute  
                  Center for Technology and Innovation Management
- 10:00          **Standards for the Digital Economy—The King is Dead. Long Live the King!**  
                  **Ajit Jillavenkatesa**, Senior Standards Policy Adviser, Standards Coordination  
                  Office and Program Coordination Office, NIST
- 10:15          **Demands of the Digital Economy and Challenge of Standards Development**  
                  **A. Industry sector panel**  
                  **John Halamka**, CIO, Beth Israel Deaconess Hospital  
                  **Nick Sinai**, Adjunct Lecturer in Public Policy, Shorenstein Center, Kennedy  
                  School, Harvard and Venture Partner, Insight Venture Partners  
                  **George Arnold**, CEO, Tercio Solutions
- 11:00          **B. Standards Perspective**  
                  **Jeffrey Jaffe**, CEO, World Wide Web Consortium (W3C)  
                  **Josh Lieberman**, Coordinating Architect and Initiative Manager, Open  
                  Geospatial Consortium (and lecturer, University of Maryland)  
                  **Richard Soley**, Chairman and Chief Executive Officer, OMG and Executive  
                  Director, Industrial Internet Consortium  
                  **Andy Updegrove**, Founding Partner, Gesmer Updegrove LLP
- Q&A**

- 12:15      **LUNCH**  
Guest speaker: **Alan Davidson**, Director of Digital Economy, U.S. Department of Commerce and Senior Advisor to the Secretary of Commerce
- 1:20      **Academic Response and Call to Action**  
    **Craig Murphy**, Betty Freyhof Johnson '44 Professor of Political Science, Wellesley College  
    **Tim Simcoe**, Associate Professor of Strategy & Innovation, Questrom School of Business, Boston University  
    **JoAnne Yates**, Sloan Distinguished Professor of Management, MIT Sloan
- 2:20      **Breakout Introduction and Expectations**  
    **Patricia Harris**, International Standards Specialist, Standards Coordination Office, NIST
- 2:30      **Breakouts: Implications for Course Content/Required Student Preparation**  
    **Focal questions:**
- *What are the most critical digital economy challenges facing industry? What are implications/requirements for standards development?*
  - *How can digital economy related standards be developed that respond to commoditization but guide and dynamically support the rapid evolution of new technologies without constraining innovation?*
  - *What are related implications/requirements for education? What needs to be covered in courses? How can the standards underpinnings be effectively captured and conveyed in current or new courses?*
  - *What are challenges to the teaching environment (materials, faculty knowledge, course content, etc.?)*
  - *What types of support might enable the integration of standards in digital economy related curriculum?*
- 3:30      **Break**
- 3:40      **Reports, Open Discussion**  
Moderator: **David Eaves**
- 4:40      **Wrap up and Segue to Day 2**  
    **Jeff Strauss**
- 5:00      **ADJOURN**

**DAY 2: FRIDAY, SEPTEMBER 9, 2016**

**9:00am – 12:30pm**

8:30           **Registration/Coffee**

9:00           **Simulation Exercise**

**Moderator: Jeff Strauss**

Working in assigned groups participants will engage in a facilitated Simulation Exercise that exposes the challenges and processes of Standards Setting.

There will be two **20 minute working breaks**

11:00           **Group reports, discussion of exercise, value and potential use/further adaptation in different courses/institutional contexts/ What was learned?/ What surprises were encountered?**

12:15           **Wrap up and Next Steps**

**Erik Puskar**, Manager, Global Standards & Information, Standards Coordination Office, NIST

12:30           **ADJOURN**