



# IEEE Internet Initiative Webinar

## Connecting Technology and Policymaking Communities on Internet Governance, Cybersecurity and Privacy

Oleg Logvinov, Chair, IEEE Internet Initiative

5 May 2015

# Welcome



Moderator:

James Wendorf, Ph.D., IEEE Internet Initiative Program Director

- ▶ *This event is being recorded.*
- ▶ *Questions may be submitted using the webinar “Chat” feature.*

# Speaker Introduction



## Oleg Logvinov

- ▶ Chair, IEEE Internet Initiative
- ▶ Chair, IEEE P2413 Working Group “Standard for an Architectural Framework for the Internet of Things (IoT)”
- ▶ Member, Corporate Advisory Group, IEEE-SA
- ▶ Director, Special Assignments, Industrial and Power Conversion Division, STMicroelectronics

# The Internet

- ▶ Enables innovation, economic growth and societal benefits
- ▶ Promises an even brighter future with the Internet of Things and People
- ▶ Provides unprecedented opportunities:
  - New services
  - Improved productivity and efficiency
  - Real-time decision making
  - Innovative user experiences
- ▶ To fully leverage all of the Internet's benefits, we need to address cybersecurity and privacy issues globally



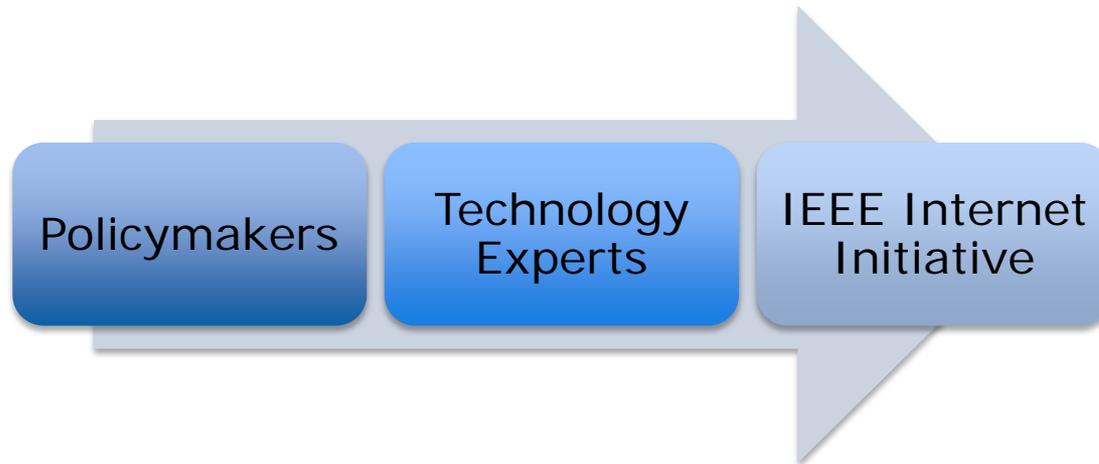
# From Internet of Computers to IoE

- ▶ New technology policy challenges are emerging in cybersecurity, privacy and Internet governance
- ▶ Ongoing Internet innovation, sustainability and market growth depend on informed Internet policy
- ▶ Effective Internet public policy relies on sound, neutral technical guidance



# Connecting Technical and Policymaking Communities

- ▶ The IEEE Internet Initiative connects the technical community to policymaking for Internet governance, cybersecurity and privacy, both at a global and local level in order to:
  - Inform debate and decisions
  - Ensure trustworthy technology solutions and best practices
- ▶ The IEEE Internet Initiative facilitates the engagement of technology, industry and policy experts in a neutral environment for the collective benefit of all stakeholders



# Internet Public Policy Landscape

- ▶ Need for collaboration and cross-pollination
- ▶ Proliferation of:
  - IoT
  - Big Data
  - Smart Grid
  - Smart Cities
  - Intelligent Transportation
  - E-Health



# Internet at a Crossroads

- ▶ Internet and its next generation are increasingly vital
- ▶ Debate on cybersecurity, privacy and identity management is increasing and intensifying
- ▶ Growing global, cross-cutting challenges require technical and policy solutions that will impact use of and trust in the Internet

# IEEE Heritage in Internet Innovation

- ▶ IEEE has a history of helping fuel Internet innovation
- ▶ Standards for wired and wireless connectivity, encryption, data security, etc.
- ▶ Conferences
- ▶ Publications



# Dedicated to Advancing Innovation

- ▶ IEEE technologists are dedicated to advancing technological innovation and excellence for the benefit of humanity
- ▶ IEEE membership spans all technology areas that touch the Internet, IoT and the smart grid, cybersecurity and privacy
- ▶ IEEE has communities of thousands of engineers, scientists, industry leaders globally, across an unmatched array of technology and industry domains



# Platform for Collaboration

- ▶ IEEE is a unique forum for information exchange, knowledge growth and capacity building at the intersection of public policy and technology
- ▶ IEEE holds a neutral standing, allowing a balanced view of all parties
- ▶ IEEE has a globally recognized reputation for supporting open collaboration and consensus building
- ▶ IEEE is renowned for working in a paradigm of openness, transparency and inclusivity in standards and technology development
- ▶ IEEE has a proven standards process rooted in consensus, due process, openness, right to appeal and balance



# IEEE Values & Common Practices

- ▶ IEEE Internet Initiative represents a set of values that are common to engineering practices, including:



- ▶ Values used by IEEE members in technical contributions to develop the Internet and related technologies and standards

# Global IEEE Internet Community

- ▶ IEEE Internet Initiative building a global community of experts in technology and policy



- ▶ Online collaboration and information exchange environment
- ▶ You are invited to join
- ▶ Everyone is welcome



# Enabling Bi-directional Dialogue

- ▶ Through the IEEE Internet Initiative, global technical and policy communities can work together to improve Internet governance
- ▶ Community participants can connect through global conferences and workshops on Internet governance, cybersecurity, privacy, including:

IEEE ETAP (Experts in Technology and Policy) Forum on Internet Governance, Cybersecurity and Privacy	IEEE Symposium on Security and Privacy	World Summit on the Information Society (WSIS)	EuroDIG
18 May 2015	18-20 May 2015	25-29 May 2015	4-5 June 2015
San Jose, California, USA	San Jose, CA	Geneva, Switzerland	Sofia, Bulgaria

# IEEE Internet Initiative

## Working for You to Benefit Everyone

- ▶ Provides open, collaborative engagement framework to track Internet governance and related policy questions
- ▶ Serves as a collective interface for engaging IEEE in the interactive process of Internet governance, cybersecurity and privacy work
- ▶ Leverages existing IEEE processes and best practices, including Technical Activities Future Directions new initiatives, the IEEE-SA's standardization consensus process, IEEE policy operations processes
- ▶ Works to improve the state of knowledge among policymakers about technology, its implications and impact on Internet-governance issues, and to raise awareness among technologists of public-policy issues and processes



# Meeting Needs of Policy, Technology, Industry Experts

Policymakers	Technologists	Industry
Reliable technical guidance to make informed Internet public-policy decisions	An understanding of the Internet public-policy landscape to help drive proactive technology design	Sound Internet policy because it helps fuel Internet innovation, sustainability and market growth
The IEEE Internet Initiative delivers a neutral, credible forum to help ensure trustworthy technology solutions and best practices in Internet policymaking	The IEEE Internet Initiative brings technologists into Internet public-policy discussions—both boosting their awareness of issues and processes and increasing their influence	The IEEE Internet Initiative encourages sound policy informed by the technical community's voice in Internet governance, cybersecurity and privacy discussions

# Join, Connect, Engage Have Your Voice Heard

- ▶ Engage through the IEEE Internet Initiative
- ▶ Email [internetinitiative@ieee.org](mailto:internetinitiative@ieee.org)



# Questions & Answers

- ▶ Please submit your questions via the chat window



# Thank you

- ▶ Join, Connect, Engage - Have Your Voice Heard
- ▶ Email [internetinitiative@ieee.org](mailto:internetinitiative@ieee.org)



**BE CONNECTED**

**BECOME A MEMBER OF THE  
IEEE INTERNET INITIATIVE  
TECHNOLOGY AND POLICY  
COMMUNITY**

**JOIN FREE**