



# IEEE Internet Initiative (3I) Update

Technical Activities Board Meeting

*February 2015*

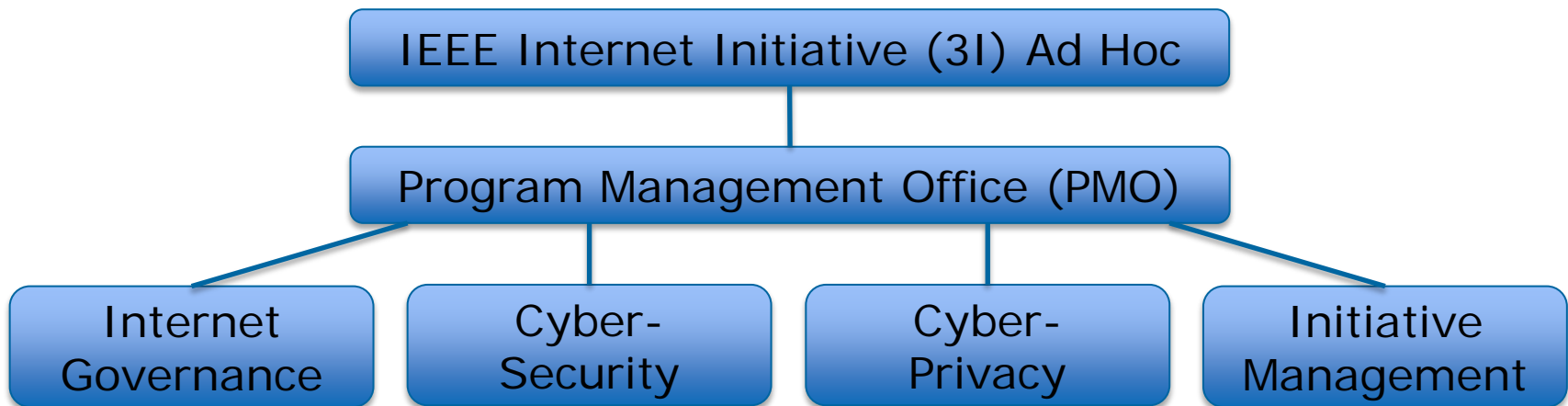
Oleg Logvinov, 3I Ad Hoc Chair

# IEEE Internet Initiative

- ▶ Initiative approved by IEEE BoD January 2014
- ▶ Multi-year strategic plan endorsed by IEEE BoD November 2014
- ▶ **Mission:** Raise IEEE's influence and profile in global technology policy in the areas of Internet governance, cyber-security and cyber-privacy policy development by providing a consensus of sound technical and scientific knowledge and guidance to the process
- ▶ **Goals:**
  1. Engage the technical community in shaping policies surrounding Internet governance to inform decision making that impacts the Internet ecosystem
  2. Deliver technology policy program for cyber-security
  3. Deliver technology policy program for cyber-privacy
  4. Establish Initiative management processes and communications platforms

# Initiative Management

- ▶ **Ad Hoc** appointed by IEEE President to oversee execution and achievement of the goals of the strategic plan
- ▶ **Program Management Office (PMO)** formed to coordinate, support, and carry the Initiative forward
  - Cross-functional and cross-organizational team of IEEE professional staff
- ▶ **Four inter-related tracks**, corresponding to the 4 goals of the strategic plan



# 3 | Ad Hoc Members

- ▶ **Oleg Logvinov** (chair): IEEE-SA Corporate Advisory Group; IEEE IoT Initiative Steering Committee; Director, Special Assignments, STMicroelectronics
- ▶ **John Cioffi**: CEO and Chairman, ASSIA Inc.
- ▶ **Roberto de Marca**: Past President, IEEE
- ▶ **Konstantinos Karachalios**: Managing Director, IEEE Standards Association
- ▶ **José Ribeiro**: Brazilian Internet Steering Committee; RNP-OS, Director of Services and Solutions
- ▶ **Greg Shannon**: Chair, IEEE Cybersecurity Initiative; Chief Scientist, CERT Division, Software Engineering Institute at Carnegie Mellon University
- ▶ **Mary Ward-Callan**: Managing Director, IEEE Technical Activities
- ▶ Additional advisory members to include IEEE OU representatives (MGA, USA, Education, Publications), and representatives from interested Societies

# Focal Events for 2015

- ▶ RSA Conference, 20-24 April 2015
  - Coordinated presence from Computer Society, Cybersecurity Initiative, SA
  - Booth, panel sessions, co-located roundtable, other side and social events
  
- ▶ IEEE Experts in Technology and Policy (ETAP) Forum on Internet Governance, Cyber-Security and Privacy, 17 or 18 May 2015
  - Coordinated through the 3I TAB Interface
  - Convene 40 to 50 invited technology and privacy experts
  - Engage in Internet related technology policy discussions to identify areas where IEEE should focus
  - Co-Located with IEEE Symposium on Security & Privacy, in San Jose, CA
  - Output: Whitepaper; Detailed list of technology policy issues & challenges
    - Further work pending the whitepaper outcome
  
- ▶ Tenth Annual Internet Governance Forum (IGF) Meeting, 10-13 November 2015
  
- ▶ Second IEEE Internet Governance Summit, December 2015
  - Follow-up to last year's IG Summit in Brussels, 03 December 2014

# IEEE Tech Community Engagement

- ▶ Internet is the foundational component of the convergent world
  - Internet is both the driving force and the enabling technology of the IT world
  - We are experiencing an unprecedented move towards the convergence of Operation and Information Technologies (OT and IT)
  - No industry initiative can succeed without safe and secure Internet
- ▶ 3I is working on connecting technology policy work with the activities of other IEEE initiatives
  - Identify and engage SMEs and thought leaders that have an interest and expertise in Internet governance, cyber-security and privacy
- ▶ IEEE Future Directions Cybersecurity Initiative (CybSI)
  - Growing synergy through CybSI chair and 3I Ad Hoc member, Greg Shannon
- ▶ IEEE Future Directions IoT Initiative
  - Growing synergy through IoT SC member and 3I chair, Oleg Logvinov
  - Ecosystem study identified “quadruple trust” (protection, security, privacy, and safety) as a key component of IoT
- ▶ **Net: 3I, CybSI, and IoT will leverage one another**
  - Future directions continually investigates technology convergence

# Next Key Steps

- ▶ Detailed **Operations Plan** and **Communications Plan** are in development
  - Specify the activities and associated deliverables for each of the four tracks, to achieve the Strategic Plan Goals
- ▶ **Metrics & KPIs** for measuring and evaluating progress will be developed by mid-year
- ▶ IEEE Experts in Technology and Policy (ETAP) Forum **White Paper**

# How to Get Involved

- ▶ Email: [InternetInitiative@ieee.org](mailto:InternetInitiative@ieee.org)
- ▶ Oleg Logvinov (3I Ad Hoc chair), [oleg.logvinov@st.com](mailto:oleg.logvinov@st.com)
- ▶ Jim Wendorf (3I Program Management Office), [j.wendorf@ieee.org](mailto:j.wendorf@ieee.org)
- ▶ Bobby Wong (3I TAB Interface, Program Director), [bobby.wong@ieee.org](mailto:bobby.wong@ieee.org)



# Thank You!