



# CyFy: The India Conference on Cyber Security and Internet Governance

## *Common Futures, Uncommon Terrains*

Taj Mahal Hotel, Mansingh Road, New Delhi

### Agenda

#### **October 14**

18:00 – 18:15

**Introduction:** Samir Saran, *Chair CyFy*

**Spotlight Speaker:** Vice Admiral Girish Luthra – *Deputy Chief (Operations), Integrated Defence Staff Headquarters*

18:15 – 19:30

#### **Cyber Arms Control (Diwan-i-Am)**

This panel will explore questions facing the public and private sectors in the global cyber ecosystem as governments look to manage the proliferation of dual-use and offensive cyber technology, even as debates about a “cyber arms race” heat up.

1. Sean Kanuck – *US National Intelligence Officer for Cyber Issues* (**Chair**)
2. Alexey Salnikov – *Lomonosov Moscow State University*
3. C Raja Mohan – *ORF*
4. Angela McKay – *Microsoft*
5. Karsten Geier – *German Federal Foreign Office*
6. Li-Chung Yuan – *ROC National Defense University*

**Special Rapporteur:** Simon Hosking – *BAE Systems*

19:30 – 19:40

#### **Conference Opener**

Sunjoy Joshi – *Director, ORF*

Christopher Painter – *Coordinator for Cyber Issues, US Department of State*

19:40 – 21:30

*Welcome Drinks/Dinner (Poolside Lawns)*

## October 15

10:30 – 11:30

*Tea/Registration*

11:30 – 12:30

### **Inaugural Session**

1. Sunjoy Joshi – *Director, ORF*
2. Ravi Shankar Prasad – *Minister for Communications & Information Technology, India*
3. Mehmet Kaplan – *Minister for Housing, Urban Development & Information Technology, Sweden*
4. Samir Saran, Chair CyFy(Vote of Thanks)  
State of the Debate presentation

12:30 – 13:30

*Lunch*

13:30 – 13:40

**Spotlight Speaker:** Alok Joshi – *Chairman, NTRO*

13:40 – 14:40

### **Critical Information Infrastructure Protection (Diwan-i-Am)**

The protection of critical information infrastructure (CII) – a fluid term to define the physical and virtual resources integral to the running of a modern economy – is an important national security concern. Emerging economies are faced with the unique challenge of strengthening CII, without bottling disruptive and permission-less digital innovation.

1. Raghu Raman – *Reliance Industries(Chair)*
2. Alok Joshi – *Chairman, NTRO*
3. Cheri McGuire – *Symantec*
4. Dong Qingling – *University of International Business and Economics, Beijing*
5. MU Nair – *Deputy Assistant Chief, IDS*
6. Gabi Siboni - *INSS Israel*

**Special Rapporteur:** Nandkumar Sarvade – *DSCI*

13:30 – 14:40

### **Online Bullying and Gender Based Violence (Aftab Mahtab)**

Cyberspace is home to almost the same percentage of women (47%) as men (53%), but women are twice as likely to face sexual harassment online. As the online and offline environments are fundamentally intertwined, gender-based power structures have real-world implications regardless of platform. In countries with a rapidly growing internet user base, how can governments, businesses and civil societies effectively address gendered dimensions to cyber bullying and harassment?

1. Karuna Nundy – *Advocate, Supreme Court of India (Chair)*
2. Maja Fjaestad – *State Secretary for Strategic Development and Nordic Cooperation, Sweden*
3. Priyanka Chaturvedi, *Spokesperson, All India Congress Committee\**

4. Ashok Malik – *Columnist, Times of India*
5. Jeremi Panganiban – *Womens Legal Bureau, Philippines*
6. Barbara Nimusiima – *International Womens Center for Empowerment, Uganda*

**Special Rapporteur:** Ernest Ezema\*

14:40 – 15:30

### **The Future of the Digital Economy (Diwan-i-Am)**

The Internet offers unprecedented opportunity to promote social benefits through a thriving, open and secure digital economy. This panel will explore the major concerns that need to be addressed to build consumer confidence, while articulating targeted, efficient and inclusive digital services to draw millions out of poverty.

1. Barkha Dutt – *NDTV(Chair)*
2. Nirmala Sitharaman – *Minister of State for Commerce & Industry*
3. Ashish Chauhan – *BSE*
4. Susan Pointer – *Google*
5. Sandip Sen – *Aegis Global Ltd*
6. Swati Bhargava – *CashKaro.com*

**Special Rapporteur:** Mihir Sharma – *Opinion Editor, Business Standard*

15:30 – 15:50

**Spotlight Speaker:** Nirmala Sitharaman – *Minister of State for Commerce & Industry*

15:50 – 16:00

**Tea Break**

16:00 – 16:10

**Spotlight Speaker:** Taavi Kotka – *Chief Information Officer, Estonia*

16:10 – 17:10

### **Big Data (Diwan-i-Am)**

By 2016, the internet will be carrying a zettabyte (a trillion gigabytes) of data through its pipes. Big data provides emerging economies with a real chance to absorb the citizenry into governance by providing e-services tailored to their needs. The benefits of governance should be weighed with the need to ensure data integrity. Just as critical is a nuanced conversation on the legal and technical standards to protect privacy in the developing world.

1. Tanvi Madan – *Brookings(Chair)*
2. Mikko Hietanen – *BAE Systems*
3. Arvind Gupta – *BJP*
4. Taavi Kotka – *CIO, Estonia*
5. Vikas Malpani – *Commonfloor*
6. Per Gustavsson – *Combitech(a subsidiary within SAAB)*

**Special Rapporteur:** Nanjira Sambuli – *iHub Research*

17:10 – 18:00

**The Next Billion Roundtable (Aftab Mahtab)**

The future of the internet is centred around the next 4 billion users, mostly from Asia and Africa. As the digital pivot shifts to developing countries, the internet will be shaped and moulded by keeping new users – and new challenges – in mind. Limited digital infrastructure, purchasing power, and human resources will force emerging market innovators to create new digital paradigms.

1. Eli Sugarman - *William and Flora Hewlett Foundation*(Chair)
2. Shahzad Ahmad – *Bytes for All, Pakistan*
3. Babu Ram Aryal – *Internet Society, Nepal*
4. Jayantha Fernando – *ICTA Sri Lanka*
5. Haile Abreha Kiros – *Information Network Security Agency, Ethiopia*
6. Chetan Krishnaswamy – *Head, Public Policy, Google India*
7. Julie Roberts – *Project Officer, Women Rights Watch, Liberia*

**Special Rapporteur:** Ahmed Yahuza Mustapha\*

17:10 – 18:10

**Internet Governance (Diwan-i-Am)**

The Internet Assigned Numbers Authority (IANA) transition heralds the “handover” of key internet functions from the US government to a multi-stakeholder community. The IANA transition has thrust internet governance into the global spotlight, raising larger and sensitive questions around the management and ownership of key internet infrastructure. Can internet governance regimes be made accountable to the developing world, while reducing the risk of excess government interference in cyberspace’s DNA?

1. Arun Mohan Sukumar – *ORF*(Chair)
2. Yu-Chuang Kuek – *Vice President & Managing Director (APAC), ICANN*
3. Jovan Kurbalija – *Director, DiploFoundation*
4. Fernanda Crespo – *Fundacao Getulio Vargas*
5. John Savage – *Brown University*
6. Lang Ping – *China Academy of Social Science*
7. Tim Maurer – *Carnegie Endowment for International Peace*
8. Adam Segal – *Council on Foreign Relations*

**Special Rapporteur:** Izumi Aizu – *HyperNetwork Society*

18:10

Day One Panel Readouts

18:40

Cocktails

19:00

Speakers’ Dinner

## October 16

10:00 – 10:30

*Tea/Registration*

10:30 – 10:40

**Special Address**

10:40 – 11:40

**Special Session– The Internet and the State**

1. Jim Lewis– *Center for Strategic and International Studies*(Chair)
2. Christopher Painter – *Coordinator for Cyber Issues, US Department of State*
3. Justin Vaisse–*Director, Policy Planning, Ministry of Foreign Affairs, France*
4. Santosh Jha – *Joint Secretary, Global Cyber Issues Division, Ministry of External Affairs, India*
5. Heli Tiirmaa-Klaar – *Head of Cyber Policy Coordination, European External Action Service*

**Special Rapporteur:** Benjamin Boudreaux – *US Department of State*

11:40 – 11:50

**Spotlight Speaker:** Gulshan Rai, *National Cyber Security Coordinator, India*

11:50 – 12:50

**Rethinking Internet Jurisdiction (Diwan-i-Am)**

The Westphalian system has struggled with the emerging reality that most online interactions involve multiple jurisdictions, based upon the physical locations of users, servers, Internet platforms and TLD operators. The rising number of cross-border requests for domain seizures, content takedown and access to subscriber information raises the question: will the fluid and transnational character of the Internet leave enforcement agencies chasing shadows?

1. Bertrand de la Chapelle – *Internet & Jurisdiction Project*(Chair)
2. Gulshan Rai - *National Cyber Security Coordinator, India*
3. Eva Ignatuschtschenko – *Oxford Martin School*
4. Duncan Hollis – *Temple University School of Law*
5. Min Hyun – *Microsoft*
6. Joseph Alhadeff – *Chief Privacy Officer, Oracle*

**Special Rapporteur:** Natalia Enciso – *Internet Society, Paraguay*

12:50 – 14:00

**Lunch**

14:00 – 15:00

**India and the Internet (Diwan-i-Am)**

With India on the cusp of a technological revolution, is the digital divide set to become more pronounced? It seems evident that the digital era will usher in both opportunity and danger, but there is no elite consensus in the country on how to manage them. This panel will highlight the most important themes of the “India story”: digital inclusion, dynamic e-markets, net neutrality and

access to information, user privacy and the future of public-private collaboration.

1. Siddharth Varadarajan – *Founding Editor, The Wire*(Chair)
2. Ajay Kumar – *Additional Secretary, DEITY*
3. Arvind Gupta – *BJP*
4. Vikram Tiwathia - *Cellular Operators Association of India*
4. Menaka Guruswamy – *Advocate, Supreme Court of India*
5. Karuna Nundy – *Advocate, Supreme Court of India*

**Special Rapporteur:**Samiran Gupta, *ICANN*

14:00 – 15:00

### **The Uberization of Everything: Disruptive Success in the Digital World (Aftab Mahtab)**

Uberization (noun): Achieving disruptive success in the digital economy by avoiding the financial and regulatory costs associated with conventional businesses. One of the world's largest taxi services owns no cars and has no employees. The 'Uber' model – where the online platform connects consumers with suppliers directly – is redefining the marketplace. But is it here to stay?

1. Shaili Chopra – *Journalist (Chair)*
2. Izumi Aizu – *HyperNetwork Society, Japan*
3. Katharina Dermühl – *The Exponential Network*
4. Durga Raghunath – *Juggernaut Books*
5. Mihir Sharma – *Opinion Editor, Business Standard*

**Special Rapporteur:**Paul Cadario – *Munk School*

15:00 – 16:00

### **Cyber Incident Management: The Rise of National CSIRTs (Diwan-i-Am)**

The international cybersecurity norms, capacity and confidence building discussions increasingly include calls for states to create national level Computer Security Incident Response Teams, or CSIRTs, to address threats to cybersecurity. At the same time, the structure, role, and relations of these teams continues to evolve. This panel will discuss how a national CSIRT should be structured, what it should do (for example, do CSIRTs have a role in managing content?), and how it relates to the broader national cybersecurity community including other existing CSIRTs, the private sector, content providers, law enforcement, and intelligence agencies.

1. Adam Segal – *Council on Foreign Relations*(Chair)
2. Rob Morgus – *New America Foundation*
3. Liam Nevill – *Australian Strategic Policy Institute*
4. Maria Bada – *Oxford Martin School*

5. Nandkumar Sarvade – *Data Security Council of India*
6. Alok Prasad – *former Deputy National Security Advisor, India*

**Special Rapporteur:** Deepak Maheshwari - *Symantec*

15:00 – 16:00

**Protection of Intellectual Property and Business Secrets in the Knowledge Economy (Aftab Mahtab)**

Over the past decade, there has been an exponential rise in cyber-enabled theft of intellectual property, and it has been recognized as an unfair predatory practice. With the rise of the globalized knowledge economy, the stability of open trading systems increasingly depends on cross-border IP protection. What is the relevance of the protection of intellectual property and business secrets for economic development and stability of the international trading system?

1. John Mallery – *MIT*
2. Sunil Abraham – *CIS(co-Chair)*
3. Dong Qingling – *University of International Business and Economics, Beijing*
4. Philippe Baumard – *Ecole Polytechnique*
5. Karunesh Khanna – *Attorney, US Department of Defense*

**Special Rapporteur:** Duncan Hollis - *Temple University School of Law*

16:00 – 16:15

*Tea Break*

16:15 – 17:15

**The Backbone of the Internet (Diwan-i-Am)**

The documents revealed by Edward Snowden have shown that intelligence agencies, militaries and other actors have intentionally weakened Internet security by building backdoors into hardware and software, by corrupting encryption and security standards and protocols, and by stockpiling zero day vulnerabilities to achieve national security objectives. These measures have led to a loss of trust and an actual compromise of Internet security. As a consequence, several actors call for a strict separation of Internet security and national security interests and for a norm to protect the Internet's backbone from government intervention.

1. Dennis Broeders – *Netherlands Scientific Council for Govt Policy(Chair)*
2. Caitriona Heintz – *RSIS*
3. Isabel Skierka – *GPPI*
4. Michael Sulmeyer – *Belfer Center, Harvard*
5. Saikat Datta – *Reliance Industries*
6. Sandro Gaycken – *European School of Management & Technology*

**Special Rapporteur:** Bedavyasa Mohanty – *Observer Research Foundation*

16:15 – 17:15

### **Digital Empowerment (Aftab Mahtab)**

The next generation of internet users will have unprecedented access and engagement online with government services, financial institutions, healthcare providers and educational systems. New methods of banking and innovative digital currencies, for instance, are paving the way for financial inclusion as never before. This panel focuses on success stories from emerging geographies, and highlights the lessons learned for tomorrow.

1. Anita Gurumurthy – *IT for Change*
2. Dr Govind - *NIXI*
3. Maureen Akena – *ICT4D Researcher, Uganda*
4. Nanjira Sambuli – *iHub Research, Kenya*
5. Brenda Zulu – *ICT Journalist, Zambia*
6. Nazneen Sultana – *Grameen Communications*

**Special Rapporteur:** Catalina Ruiz Navarro – *Journalist, Mexico*

17:15 – 17:45

### **Day 2 Panel Readouts**

17:45 – 18:30

### **The Future of the Internet**

1. Jim Lewis – *CSIS(Chair)*
2. Christopher Painter – *Coordinator for Cyber Issues, US Department of State*
3. Alan Marcus – *World Economic Forum*
4. Latha Reddy – *Commissioner, Global Commission on Internet Governance*
5. Angela McKay - *Microsoft*

18:30 – 18:45

### **Valedictory Address**

Arvind Gupta, Deputy National Security Advisor\*

18:45 – 18:50

### **Vote of Thanks**

Samir Saran

18:50

*Cocktails*