

Agenda

CyFy 2018

technology. security. society.



October, Wednesday

16:30 to 17:30 Registration

17:30 to 17:40 Opening Statement (Venue: Diwan-i-am)

- Samir Saran, President, Observer Research Foundation and Chair, CyFy.

17:40 to 18:25 Big Questions: Technology, Security and Society (Venue: Diwan-i-am)

- Sunjoy Joshi, Chairman, Observer Research Foundation
- Arun Mohan Sukumar, Head Cyber Initiative, Observer Research Foundation and Co-chair, CyFy
- Mahima Kaul, Director, Public Policy, Twitter India and South Asia, and Co-chair, CyFy
- Sean Kanuck, Director of Cyber, Space and Future Conflict, International Institute for Strategic Studies and Co-Chair, CyFy

18:25 to 18:40 Tea/Coffee

18:40 to 19:00 Keynote 1: Data and Governance (Venue: Diwan-i-am)

- Taavi Kotka, Head of Jio Research Centre, Estonia and Founder and CEO, Proud Engineers.

19:00 to 20:00 Data Divides the World (Venue: Diwan-i-am)

The old millennial ideas of a borderless world of market democracies - where government was less important and authority could be shared among many “stakeholders” is collapsing. Between Brussels and Beijing, the internet will be regulated (the US will be on the sidelines), but if done wrong, this regulation will threaten innovation and growth. What needs to be regulated and how should we do it without killing the internet.

- Troels Oerting Jorengsen, Head, Global Centre for Cyber Security, World Economic Forum.
- Gulshan Rai, National Cybersecurity Coordinator, National Security Council Secretariat, India.
- Anna Maria Osula, Senior Researcher, Tallinn University of Technol-

3

October, Wednesday

ogy, School of Information Technologies, Department of Software Science.

- Angela McKay, Senior Director, Cybersecurity Policy and Strategy, Microsoft.
- James Lewis, Senior Vice President and Director of Technology and Policy Program, Centre for Strategic and International Studies (Chair).

20:00 to 22:00 [Inaugural Cocktails and Dinner \(Venue: Poolside Lawns\).](#)



October, Thursday

10:00 to 11:00 Registration (Venue: Diwan-i-am)

11:00 to 12:00 **The Devil is in the Data: GDPR/Personal Data Protection Bill and Governance Frameworks (Venue: Diwan-i-am)**

With the operationalisation of the GDPR and the release of India's draft Personal Data Protection Bill, Europe and India are undergoing significant changes to their data governance frameworks. These changes will not only affect how companies collect and process data but also usher in institutional transformation in how these states accountability mechanisms and future-proof their regulatory bodies. What steps must governments in Europe and India take to minimise disruption while building privacy-protecting institutional architecture.

- Lenard R. Koschwitz, Director for Europe Affairs, Allied for Startups.
- Kasia Odrozek, Manager, Internet Health Report, Mozilla Foundation.
- Aaron Cooper, Vice President, Global Policy, Business Software Alliance.
- Megha Arora, Data Scientist, Palantir Technologies.
- Peter Micek, General Counsel, Access Now.
- Rahul Matthan, Partner, Trilegal (Chair).

12:00 to 12:15 Tea/Coffee

12:15 to 13:15 **War by Other Means: Influence Operations in Cyberspace (Venue: Diwan-i-am)**

This panel will take stock of cyber-enabled influence operations that have occurred in the 21st Century and examine the range of the responses available to nations to protect their sovereignty from cyber-interference while maintaining the openness of their national institutions. It will analyse whether the answer lies in softer, normative approaches or in the creation of an international treaty.

- Morteza Shahrezaye, Political Data Science Researcher, Technical University of Munich.
- Benjamin Ang, Senior Fellow, Centre of Excellence for National Security, RSIS.
- Rema Rajeshwari, District Police Chief-Mahbubnagar, Telengana.



October. Thursday

- Marek Szczygiel, Ambassador at Large for International Cyber Policy, Ministry of Foreign Affairs of Poland.
- Stephanie Maclellan, Senior Research Associate, Centre for International Governance Innovation.
- Sean Kanuck, Director of Cyber, Space and Future Conflict, International Institute for Strategic Studies and Co-Chair, CyFy (Chair).

13:15 to 13:25 **Spotlight Speech by Sanjay Verma, Additional Secretary Administration, Ministry of External Affairs, Government of India.**

13:30 to 15:30 **Working Lunch- Startup Sandbox: Development Inc. (Venue: Aftab Mahtab)**

Facilitator:

- Shuvaloy Majumdar, Munk Senior Fellow with the Macdonald-Laurier Institute.

Lead Interventions:

- Sanjay Anandram, Venture Partner, Seedfund.
- Abdou Lo, Director for Africa, Access Partnership.
- Ashwin Rangan, Senior Vice President of Engineering & Chief Information Officer, ICANN.
- Maggie Sprenger, Managing Director, Green Cow Venture Capital.
- Amey Mashelkar, Head, JioGenNext.
- Aishwarya Balaji, Founder and CEO, Impact Chain Lab.
- Mohammed Hisamuddin, Founder and CEO, Entri.Me.

13:30 to 15:30 **Working Lunch- Beyond the Public Core: Protecting Software (Venue: Longchamp)**

Protection of the public core of the internet and critical information infrastructure has little value when states continue to build arsenals of vulnerabilities that target software and operating systems that this infrastructure relies on. Can we conceive a norm that calls on states to not hamper the integrity of mass market products that the world relies on.

- Zine Homburger, Doctoral Researcher, The Hague Program on Cyber Norms, Leiden University.
- Madhulika Srikumar, Associate Fellow and Programme Coordinator,

4

October. Thursday

Observer Research Foundation.

- François Delerue, Researcher, Cyber Defence and International Law, Institute for Strategic Studies, French Military School.
- Kaja Ciglic, Director, Director, Cybersecurity Policy and Strategy, Microsoft.
- Latha Reddy, Distinguished Fellow, Observer Research Foundation and Co-Chair, Global Commission on the Stability of Cyberspace (Chair).

13:30 to 15:30 **Working Lunch: Insuring Cyberspace and Monetising Risk (Venue: Villa Medici)**

Companies are spending an increasing amount on securing their businesses from cyber threats with global expenditure on cybersecurity products and services expected to exceed \$1 trillion, from 2017 to 2021. Businesses not only have to manage risk across their own supply chain but also ensure they are not vulnerable to risks arising out of their partners and the ecosystem. How can insurers, as a result, calculate cyber risk and design customized offerings? How can cyber risk insurance be made more accessible to smaller players in the market?

- Caitriona Heintz, Executive Strategist and Lead Strategist for Asia Pacific at EXEDEC International.
- Sundeep Oberoi, Global Head, Information Risk Management, Tata Consultancy Services.
- Gautam Saxena, Head of Strategic Development, Axiata Digital.
- Danielle Kriz, Senior Director, Global Policy, Palo Alto Networks.
- May-Ann Lim, Executive Director, Asia Cloud Computing Association.
- KS Park, Founder and Executive Director, OpenNet Korea (Chair).

15:30 to 16:30 **The Bear on the Web - Discussing Russia's Digital Future. (Venue: Diwan-i-Am)**

Russia may be the most talked about but certainly one of the least heard actors in cyberspace. Consumed by larger narratives around great power rivalry, it is rare to hear today what Russians think about their digital economy, what attitudes characterise the country's digital natives and the steady informatisation of the Russian society.

4

October, Thursday

- Viktoriia Ivanchenko, Editor-in-chief of PICREADI (Creative Diplomacy) Network.
- Oleg Sharikov, Consultant (Digital diplomacy) , PIR Centre.
- Ilona Stadnik, Doctoral Scholar, School of International Relations, Saint-Petersburg State University.
- Tatiana Stolyarova, News Anchor, Russia-24.
- Arun Mohan Sukumar, Head, Cyber Initiative, Observer Research Foundation, Co-Chair, CyFy (Chair).

16:30 to 16:45 Tea/Coffee

16:45 to 17:00 **Keynote 2: Black Box Warfare and the Need for a New Strategic Genius (Venue: Diwan-i-am)**

- Klon Kitchen, Senior Fellow, Heritage Foundation.

17:00 to 18:00 **Gender and the Gig Economy (Venue: Diwan-i-am)**

As the nature of work becomes more individualized and workplaces shift from fields, factories and offices to the cloud, the gender dynamics in traditional work are being replicated in the gig-based and digitally enabled economy. Can technology be leveraged to ensure a non-gender valuation of digital services and thus reduce bias in hiring and remuneration? In the context of informalizing workspaces, how can we ensure the digital and physical safety of workers? How can the flexibility enabled through the gig economy be leveraged to increase female labour force participation without reinforcing preexisting gender roles and norms?

- Rajeev Peshawaria, CEO, Iclif Leadership and Governance Centre.
- Catalina Ruiz Navarro, Editor-in-chief, Volcanica Magazine.
- Madhulika Srikumar, Associate Fellow and Programme Coordinator, Observer Research Foundation.
- Regina Sipos, Founder and Director, Social Digital Innovation.
- Sonal Jaitly, Theme Leader, Gender & Financial Literacy, Small Industries Development Bank of India.
- Khalila Kellz Mbowe, Founder and CEO, Unleashed Africa (Chair).



October, Thursday

18:00 to 18:15 Tea/Coffee

18:15 to 18:25 **Speedtalk: Technology Oversight and Accountability (Venue: Diwan-i-am)**

- Thorsten Wetzling, Project Director, Stiftung Neue Verantwortung, Berlin

18:25 to 19:25 **Networked Radicalisation: Countering Online Extremism (Venue: Diwan-i-am)**

Developing counter-narratives by promoting non-discrimination, tolerance and respect through awareness-raising activities is an essential remedy to hate or extremist speech online. This, however, is not the only strategy that states can adopt. How are governments world over building contextual solutions to fight hatred online – especially targeted rumours spread on encrypted platforms? What are some of the campaigns developed and executed by leading communication service providers that have resonated with online communities?

- Abdul Hakim Ajjola, Founding & Steering Committee member of the Organization of Islamic Cooperation – Computer Emergency Response Team (OIC-CERT).
- Sumaiya Shaikh, Neuroscientist and Post-Doctoral Fellow, Linköping University Hospital.
- Kanchan Gupta, Commissioning Editor, ABP News.
- Gulizar Hacıyakupoglu, Research Fellow, Centre of Excellence for National Security, RSIS Singapore
- Chloe de Preneuf, Policy Expert, Middle East and North Africa.
- Mahima Kaul, Director, Public Policy, Twitter India and South Asia, and Co-Chair CyFy (Chair).

19:25 to 19:35 **Spotlight Speech by GV Srinivas, Joint Secretary (Cyber Diplomacy), Ministry of External Affairs, India**

19:35 to 21:35 **Working Dinner: Private Sector Tech and Militarisation (Venue: Long Champ)**

4

October. Thursday

Recent controversies around Google's Maven and Amazon's Rekognition projects have brought into sharp relief the level of user discomfort with mass-use technology platforms working with security and military agencies. Leveraging technology for national security is underway and inevitable in the future - is it better for these cooperative mechanisms to operate openly with a certain degree of public accountability rather than be relegated into grey markets?

- Kara Frederick, Research Associate, Technology and National Security Program, Center for New American Security.
- John Mallery, Research Scientist, Computer Science & Artificial Intelligence Laboratory, Massachusetts Institute of Technology
- Yoko Nitta, Senior Fellow, Japan Society for Security and Crisis Management, Tokyo
- Dustin Lewis, Senior Researcher, Harvard Law School Program on International Law and Armed Conflict.
- Chris Demchak, Member, Executive Board, Cyber Conflict Studies Association (Chair).

19:35 to 21:35 **Working Dinner: Securing Digital Payments: Norms on Preserving Financial Stability (Venue: Aftab Mahtab)**

The numerous players involved in digital banking make it a complex ecosystem to secure and in turn regulate. The digital payments landscape consists of customers, merchants, banks, debit/credit card networks, clearing/settlement organizations, application providers, third party payment providers, wireless carriers, and handset/chip manufacturers. This multiplicity poses many challenges for security, transparency, standard setting and capacity development. How can governments and private sector come together to develop and promote norms to secure financial infrastructure?

- Mamta Kohli, Senior Social Development Advisor at Department for International Development, UK.
- Gwendoline Abunaw, Managing Director, Ecobank, Cameroon.
- Abhinav Sinha, Co founder, Eko India Financial Services
- Abhishant Pant, Founder Cashless Journey.*
- Rohan Mishra, Director, Global Policy Affairs at MasterCard (Chair).

4

October. Thursday

19:35 to 21:35 **Working Dinner: Creativity, Constraints and Capacity: Technology for Development (Venue: Villa Medici)**

From smart learning and accessibility to sustainable cities, technology and innovation are creating breakthrough impact on today's human challenges. In a world mired with developmental challenges and limited resources, how can investors and governments identify technologies that hold true promise? How must capacity for developing these technologies be built?

- Savannah Kunovsky, Head of Product, Affective Software
- Koketso Tlhabanelo, Manager, AT Kearney
- Max F. Scheichenost, Co-Founder and Managing Partner, Falcon Agency.
- Jaydeep Biswas, Senior Governance Advisor, Department for International Development (DFID), India (Chair).

19:55 to 21:25 **Dinner (Venue: Diwan-i-Khas)**



October, Friday

10:00 to 11:00 Registration

11:00 to 12:00 Future of the Tech Accord (Venue: Diwan-i-am)

Technology giants came together in 2018 to sign the “Cybersecurity Tech Accord”, a non-partisan initiative to commit businesses and digital service providers to prevent, mitigate and respond to cyber-attacks. Despite initial reservations about their tendency to “silo-”ise cybersecurity decision making within their own companies, the Accord has expanded their ambit to include norms on routing security and has called on ICANN to secure WHOIS data. Will this momentum last, and how can states “elevate” some of these much needed commitments from companies to binding conduct in cyberspace?

- Kaja Ciglic, Director, Cybersecurity Policy and Strategy, Microsoft.
- Gail Kent, Global Policy Lead, Facebook.
- Arun Mohan Sukumar, Head, Cyber Initiative, Observer Research Foundation and Co-Chair, CyFy.
- Ephraim Percy Kenyanito, Programme Officer Digital, Article19.
- Shweta Rajpal Kohli, Country Director, Government Affairs and Public Policy, Salesforce (Chair).

12:00 to 12:15 Tea/Coffee

12:15 to 12:25 Digital Peace Introduction

12:25 to 13:05 Purpose, Paychecks and Protection: The Future of Work (Venue: Diwan-i-am)

Rapid digitization and technological adoption are changing our workplaces, our jobs and the nature of work itself. These transformations threaten to undermine prevailing systems of social security and protection, education and skilling, and employment relations. In the context of increasing non-standard forms of employment, what lessons can be learned from largely informal economies that have already found ways of approximating social security and protection systems? What will new models of education and skilling need to look like to address existing and future needs? And, how can the opportunities presented by new em-



October, Friday

ployment forms, formats and relations be leveraged for a more inclusive future of work?

Release of the Future of Work Report

- Speedtalk: Rajeev Peshawaria, CEO, Iclif Leadership and Governance Centre.
- Speedtalk: Rohan Malhotra, Co-Founder, Investopad
- Speedtalk: Terri Chapman, Associate Fellow, Observer Research Foundation.

13:05 to 15:05 Working Lunch: CEOs Roundtable with Shri Dharmendra Pradhan, Minister of Skill Development and Entrepreneurship and Petroleum and Natural Gas (Venue Aftab Mahtab) - (by invite only).

13:05 to 15:05 Working Lunch: Back to Going Dark (Venue: Longchamp)

The last few years have seen a resurgence of the privacy v. security dichotomy. Amidst calls for data localization and de-anonymisation, technology companies have been presented with a choice: build accountability into your systems or be accountable. Is a resolution to the going dark debate possible? Does the answer lie in technology controls, criminal justice reforms or something else entirely?

- Baijayant Panda, Former, Member of Parliament, India
- Manish Tewari, Former Minister of Information and Broadcasting, India
- Joanne Wong, Manager, Cyber Security Agency, Singapore
- Arun Mohan Sukumar, Head, Cyber Initiative, Observer Research Foundation. (Chair)

15:05 to 15:20 Keynote 2: A Multilingual Internet of the Future (Venue: Diwan-i-am)

- Ashwin Rangan, Senior Vice President of Engineering & Chief Information Officer, ICANN

5

October, Friday

15:20 to 16:20 [In Pursuit of Autonomy: AI Policy and Ethics \(Venue: Diwan-i-am\)](#)

Over 20 countries in the past two years have announced task forces and launched national strategies to prepare for an AI-driven economy. To ensure inclusivity, safety and security of emerging AI systems, states are leading the narrative on research and investment in AI. What are the challenges that algorithmic decision-making and AI can pose in governance and other services?

- Wolfram von Heynitz, Head, Cyber Policy Coordination Staff, Ministry of Foreign Affairs, Germany.
- Shailesh Kumar, Chief Data Scientist, Centre of Excellence in AI/ML, Reliance Jio.
- Sarah Mooney, Head of Science and Innovation India, Regional Director India, the Middle East and Africa, British High Commission, New Delhi.
- Chor Pharn Lee, Principal Strategist, Strategy Group, Prime Minister's Office, Singapore.
- Bhairav Acharya, Public Policy Manager, Facebook.
- Vidushi Marda, Digital Programme Officer, Article 19

16:20 to 16:35 [Tea/Coffee](#)

16:35 to 16:45 [Speedtalk: Human Control over Autonomous Weapons \(Venue: Diwan-i-am\)](#)

- Yves Heller ICRC Regional Delegation, New Delhi

16:45 to 17:45 [Algorithms, AI and Armed Conflict \(Venue: Diwan-i-am\)](#)

With the CCW Group of Governmental Experts concluding its meetings in August, it has become imperative to define minimum levels of human control over Autonomous Weapon Systems. What weapons are currently in use by militaries that depend on artificial intelligence? How will questions around bias and unpredictability of these weapons be resolved?

- Dustin Lewis, Senior Researcher, Harvard Law School Program on International Law and Armed Conflict.
- Subhashish Banerjee, Professor, Computer Science and Engineering, Indian Institute of Technology, Delhi.

5

October, Friday

- Lydia Kostopolous, Senior Researcher, Digital Society Institute, ESMT, Berlin.
- Kara Frederick, Research Associate, Technology and National Security Program, Center for New American Security.
- Bedavyasa Mohanty, Associate Fellow, Observer Research Foundation and Curator, CyFy (Chair).

17:45 to 17:55

- **Speedtalk: Technology and the Overutilization of Natural Resources (Venue: Diwan-i-am)**
- - Janet Salem, Programme Officer, Resource Efficiency and Sustainable Consumption and Production, United Nations.

17:55 to 18:10 Tea/Coffee

18:10 to 19:10 **Whose Data is it Anyway? (Venue: Diwan-i-am)**

With several wings of the Indian government calling for data localisation, concerns around cost of compliance and privacy rights become amplified. How can governments move towards more cooperative regimes for data sharing where access is based on where the user is situated and not where the data is located? How can bilateral/multilateral data sharing agreements provide an alternative to localisation?

- Rama Vedashree, CEO, Data Security Council of India.
- Nikhil Pahwa, Founder and Editor, Medianama.
- Justin Hemmings, Research Faculty Member, Georgia Institute of Technology Scheller College of Business.
- Arghya Sengupta, Founder & Research Director, Vidhi Centre for Legal Policy.
- Christopher Martin, Director, Asia Pacific, Access Partnership.
- Shamika Ravi, Director of Research, Brookings India (Chair).

19:10 to 19:40 **Closing Session (Venue: Diwan-i-am)**

- Samir Saran, President Observer Research Foundation and Chair, CyFy.

19:40 onwards Dinner