CyFy ∞ 2019

technology. security. society.

AGENDA
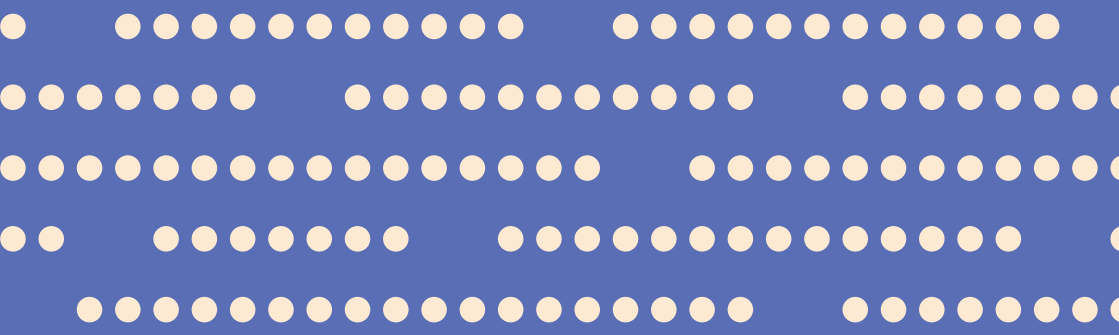
10:00 a.m. - 3.15 p.m.	India-ASEAN Track 1.5 Dialogue on Cyber Issues (by invitation)

5:00 p.m. Registration

6:00 p.m. Venue: Diwan-i-am
Welcome Address by Samir Saran, President, ORF
Introduction by Sunjoy Joshi, Chairman,ORF

6:15 p.m. Inaugural Address: Keynote by Ravi Shankar Prasad, Hon'ble Minister for Communications & Electronics and Information Technology and Law & Justice
Vote of Thanks by Master of Ceremonies

6:45 p.m. Venue: Diwan-i-am
The Big Picture with CyFy Co-Chairs: Multilateralism and the Splinternet

- Samir Saran, President, ORF (Chair)
- Shweta Rajpal Kohli, Director, Government Affairs (South Asia), Salesforce
- Sean Kanuck, Founder and CEO of EXEDEC LLC
- Arun Sukumar, Head, Technology and Media Initiative, ORF
- Mahima Kaul, Director of Public Policy, Twitter India & South Asia

7:15 p.m. Venue: Diwan-i-am

Coalitions Against Killer Content: Heeding the Christchurch Call to Action

If the digital medium was expected to erase stereotypes about communities, it has often reinforced and amplified them — and now threaten, in places, to tear at the fabric of fragile social coalitions. Can new coalitions be forged with the resilience to withstand the rapid proliferation and malevolent impact of incendiary content online? The Christchurch Call to Action of May 2019 is a step forward in this direction. Nevertheless, the task of creating meaningful partnerships between technology companies, civil society and

governments to combat online extremism is not easy. This panel will identify the actors that will form the flesh and bones of this coalition, and frame their responsibilities vis-a-vis the Christchurch Call.

- Barkha Dutt, Author and Journalist (Chair)

- Kanishk Karan, Research Assistant, DFR Labs

- Sumaiya Shaikh, Center for Social and Affective Neuroscience (CSAN), Linkoping University, Sweden

- Mariam Wardak, Founder, Her, Afghanistan

- Ankhi Das, Public Policy Director (India, South & Central Asia), Facebook

- Viktoriia Romaniuk, Deputy Chief Editor, StopFake

8:15 p.m.   **Venue: Poolside Lawns**
Dinner

8.30 a.m.

Venue: Villa Medici
Breakfast Session: Exploring the Future of Data Sharing Regimes (By invitation)

The passage of the Clarifying Lawful Overseas Use of Data Act or CLOUD Act by the US Congress in 2018 has opened diplomatic avenues that could facilitate a transition from the Mutual Legal Assistance Treaties system — acknowledged by most stakeholders to be broken beyond repair — to more efficient channels of data sharing with LEAs, while being mindful of user privacy and national data protection standards. This discussion will explore common ground between tech companies, LEAs and civil society, scouting all the while, the prospects for an India-US agreement on data sharing --- in the vein of the US-UK bilateral agreement that rides on the back of the CLOUD Act.

9.00 a.m.   Registration

10:00 a.m.

Venue: Diwan-i-am
Whose Data Is It Anyway

The ownership and management of data collected by digital platforms (public and private) is among the watershed questions of contemporary global governance. What do current and proposed models for governing the storage and transit of data miss — is our fixation on issues such as data localisation putting the cart before the horse? The Indian context does not neatly fit any pre-existing template to manage the digital economy, given the overwhelming role of the state as the custodian and harvester of data. Can data be thought of as a public good, and what would this conceptualisation imply for digital governance? Can India reimagine first principles of data governance that can serve instead as guidelines for the developing world?

- Arghya Sengupta, Founder and Director at Vidhi Centre for Legal Policy (Chair)
- Paula Kift, Privacy and Civil Liberties, Palantir Technologies
- William Carter, Deputy Director and Fellow, Technology Policy Program, CSIS
- Sunjoy Joshi, Chairman, ORF
- Cyril Cuvillier, Deputy Director Strategy, ANSSI
- Ashwin Sasongko Sastrosubroto, Executive Member of ICT Commission

11:00 a.m.

Venue: Diwan-i-am
Speedtalk: #YouthBytes:Young, Restless and Online in India - A survey by Youth Ki Awaaz and ORF, Anshul Tiwari, Youth Ki Awaaz

11:10 a.m.

Break

11:20 a.m.

Venue: Diwan-i-am
Chrome Collar: The Future Of Work

With the advent of emerging technologies, the very definitions of 'work' and 'work space' are changing. In which areas will new jobs be created, and new skills and ways of working be sought after? Can innovative approaches bridge the mismatch between curricula of schools and knowledge required by industry? How are work environments changing and how do they affect the social identities of individuals and their mobility and aspirations? Who is responsible for "social protection" in the gig economy?

- Mihir Sharma, Senior Fellow, ORF (Chair)
- Silvana Lopez, Chief Executive Officer, The Blockchain Challenge
- Gautam Shroff, Vice President and Chief Scientist, Tata Consultancy Services
- Yao Zhang, Founder and CEO at RoboTerra, Inc.
- Koketso Tlhabanelo, Independent Strategy Consultant

DAY **02** TUESDAY, OCTOBER 15

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12:30 p.m. Working Lunch

Lunch 1: Venue: Varq
Code Is the New Currency: Paving the Way for Fintech

Fintech has been billed as the great equaliser, enabling inclusion into a system which has long been mired in bureaucratic and systemic obstacles based on 20th century notions of identity, familiarity and trust. While some traditional financial institutions have embraced this new wave, gatekeepers whose business models depended on background checks have resisted overnight change. The rise of regulatory "sandboxes" to pilot and "ease" the disruption to financial services is a result of this tussle — but what can regulators, faced with evidence, do to scale up innovative policy experiments?

• Tidhar Wald, Deputy Managing Director, Better Than Cash Alliance (Chair)
• Vinay Kesari, General Counsel, Setu
• Natalie Gil, CTO, The Blockchain Challenge
• Lucy Corkin, Business Strategist, Rand Merchant Bank
• Vladimir Korovkin, Head of Research in Innovations, SKOLKOVO Institute for Emerging Market Studies
• Arvind Gupta, Founder Member, iSPIRT

Lunch 2: Venue: Aftab Mehtab
Back to Adorno: The Imagination Economy

As AI and robotics increasingly assume tasks that require analytical skills and rational thinking, whither logic, intuition and creative expression? It is not enough to argue that lines of code will accurately replicate the human mind. Equally essential is interrogating the 'nature-nurture' debate in the modern era, and how it plays in turn on machine learning. In particular, what role do the creative sectors (e.g. art, film, culture, fashion, games) play in building perceptions of the "digital life"? What policy nudges are needed to

incubate wealth creation through the cultural economy?

- • Hindol Sengupta, Senior Fellow, ORF (Chair)
- • Vanessa Sinden, Producer at Triggerfish Animation Studios
- • Prashanth Parameswaran, Senior Editor at The Diplomat
- • Sahraa Karimi, General Director, Afghan Film
- • Sohini Sengupta, Fellow, Esya Centre

Lunch 3: Venue: Longchamp
Techno Utopias? Deconstructing "smart" cities

Cities have long been the lifeblood of modern economies. But conventional wisdom and established models of urban governance have been dealt with the triple blows of congestion, climate change and technological disruptions in livelihood. Meanwhile, governments have been consumed by the goal of making cities "smart" without forecasting the socio-economic consequences of digital, urban spaces. How can cities evolve alongside their residents?

- • Andre Kwok, Founder, Future City Summit (Chair)
- • Jagan Shah, Senior Infrastructure Adviser, DFID India
- • Baratang Miya, Senior Managing Director, Uhuru Spaces
- • Gordon Thompson, Portfolio Partner, Innology Innovation Hub
- • Karuna Gopal, Founder and President, Foundation for Futuristic Cities
- • Sheryl Foo, Director, Vertech Capital

Lunch 4: Venue: Villa Medici

Technology, Policy and National Security: Building 21st Century Curricula in India's Law Schools (by invitation)

2:10 p.m.   **Venue: Diwan-i-am**
The GeoTech Wars

Emerging technologies have become battlegrounds for competing sovereign interests. The world's major powers are vying with each other for supremacy in technological advancement, including for rare earths, talent, capital and infrastructure. Is "GeoTech" condemned to be a zero-sum game? What strategies can smaller powers and emerging markets adopt to safeguard and maximise their interests in this contest?

- Caitriona Heinl, Lead Strategist for Asia Pacific, EXEDEC International (Chair)
- Robert Williams, Executive Director, Paul Tsai Center, Yale
- Danielle Cave, Deputy Director, International Cyber Policy Centre, ASPI
- William Mart Laanemae, Ambassador for Cyber Diplomacy, Estonia
- Lt. Gen. Rajesh Pant, National Cyber Security Coordinator, Prime Minister's Office, India
- Winston Wenyan Ma, Former Managing Director, China Investment Corp (CIC)

3:10 p.m.   **Venue: Diwan-i-am**
Spotlight: Martin Tisne, Managing Director, Luminate

3:20 p.m.   Break

3:30 p.m.   **Venue: Diwan-i-am**
Spotlight: Rob Sherman, Vice President and Deputy Chief Privacy Officer, Facebook

3:40 p.m.   **Venue: Diwan-i-am**
Innovating for the Next Billion: Startups in Asia and Africa

Innovations in digital payments and micro-mobility emerging from developing countries challenge Silicon Valley's claim to be the techno-solutions provider for the world. But in the 'volume v. footfall' struggle, advanced economies still hold the market clout and purchasing power that can affect global policy shifts. Will hyper-local innovation trump Big Tech? If not, what is the future of innovation in geographies like Asia and Africa?

- Sharad Sharma, Co-Founder, iSPIRT (Chair)
- Arvind Ronta, Vice President, Products, India and South Asia, Visa
- Jonathan Stever, Managing Director, Impact Hub Kigali
- Sarah Pearson, Chief Innovation Officer & Chief Scientist, DFAT Australia
- Shita Laksmi, Project Manager (Asia), DiploFoundation-Geneva Internet Platform

4:40 p.m. **Venue: Diwan-i-am**
Speedtalk: Dr. Sarah Pearson, Chief Innovation Officer & Chief Scientist, DFAT Australia

4:50 p.m. Tea/Coffee Break

5:00 p.m. **Venue: Diwan-i-am**
Fireside Chat: Content Unleashed: Toward the Democratisation of Entertainment

As new geographies go online, content creators and producers have reoriented their view of developing countries as lucrative markets for Western content to rich sources of 'fresh','glocal' stories. Concurrently, local enterprises too have come into their own: will competition, however, have a homogenising effect on the market, and come at the cost of diversity? Or will the race for better stories throw into relief tales from the margin, and include the excluded through this powerful medium?

- Samir Saran, President, ORF (Chair)
- Vanessa Sinden, Producer, Triggerfish Animation Studios
- Vani Tripathi, Central Board of Film Certification, India
- Arjun Mathur, Actor, Bollywood
- Srishti Arya, Director, International Originals at Netflix India

6:00 p.m. **Venue: Diwan-i-am**
Spotlight: Pooja Haldea, Co-founder and Senior Advisor, Center for Social and Behavioural Change, Ashoka University

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6:15 p.m.

Venue: Diwan-i-am
Speedtalk: Kavi Arya, Computer Science & Engineering Dept., Indian Institute of Technology Bombay

6:45 p.m.

Dinner Panels

Dinner 1: Venue: Longchamp
Autonomous Societies: Encoding Bias

As governments, private firms and technology giants race to capitalise on AI to improve governance and business outcomes, black box algorithms will increasingly mediate social, political and economic relationships. An 'autonomous' society then runs the risk of coding existing hierarchies and biases into these relationships as well. What institutions, regimes, and indeed, technologies, should governments and communities invest in, to develop equitably?

- Sean Kanuck, Founder and CEO of EXEDEC LLC (Chair)
- Megha Arora, Data Scientist, Palantir Technologies
- Hanan Salam, Co-Founder, Women in AI
- Abeba Birhane, Cognitive Science PhD Candidate in the School of Computer Science, University of Dublin
- Eileen Fuchs, Federal Ministry of the Interior, Building and Community
- Trisha Ray, Junior Fellow, ORF

Dinner 2: Venue: Diwan-i-Khas
Friends of the Paris Call (by invitation)

The Paris Call dinner will introduce the Paris Call for Trust and Security in Cyberspace, which is nearing its first anniversary. During an interactive conversation we seek to investigate who has signed the commitment, explore how the value of the initiative is perceived by its signatories, and focus on potential implementation of the Paris Call principles. The key objective is to develop with participants a community-based approach to making progress on each principles to advance the Paris Call's implementation.

Dinner 3: Venue: Aftab Mehtab
War by All Means: Integrated Warfare

Unmanned systems that can select and attack targets autonomously, entire organisations crippled by cyber attacks, and social media that can reshape the narrative around conflict. Are we headed towards a "civilianisation" of warfare where ordinary citizens are at the frontlines of conflict? Or will the precision and efficiency promised by future weapons save more lives? What regulations must countries put in place to ensure that these technologies are used responsibly?

- Solange Ghernaouti, Head, Swiss Cybersecurity Advisory and Research Group (Chair)
- Maaike Verbruggen, Doctoral Researcher at the Brije Universiteit, Brussels
- Sebastian Bay, Senior Expert Technical and Scientific Development Branch, NATO Strategic Communications Centre of Excellence
- Ariel Conn, Future of Life Institute
- Koichi Arie, Lieutenant Colonel, Research Fellow, National Institute for Defense Studies, Japan
- John Mallery, Research Fellow, CSAIL, MIT

DAY 03

8:30 a.m.

Venue: Longchamp
Networking session: Women in Tech (by invitation)

10.00 a.m.

Venue: Diwan-i-am:
Accountable Tech, Accountable Boardrooms

From 'smart health' to public transportation and urban governance, technology platforms increasingly provide services that were once considered the remit of the state. Unlike states, however, the logic that governs this behaviour is motivated primarily by profit maximisation. Where citizens could once hold the state accountable for ineffective public goods, they find no similar remedy vis-a-vis unelected corporate leaders. With technologies increasingly implicating all aspects of our lives, is it time to script a new corporate ethic to govern technology platforms? How can communities hold platforms and boardrooms accountable when they are dissatisfied or harmed by their services?

- Kaja Ciglic, Senior Director, Digital Diplomacy, Microsoft (Chair)
- Richard Verma, Vice Chairperson, The Asia Group
- Aditi Kumar, Executive Director, Belfer Center for Science and International Affairs, Harvard University
- Paul Cadario, Distinguished Fellow in Global Innovation at the University of Toronto
- Apar Gupta, Executive Director, Internet Freedom Foundation
- Gulshan Rai, Distinguished Fellow, Observer Research Foundation

11:00 a.m.

Venue: Diwan-i-am:
Spotlight: Henry Pearson, Cybersecurity Ambassador, UK

11:15 a.m.

Tea/Coffee

11:30 a.m.

Venue: Diwan-i-am
The Cloud State and I

The notion of state sovereignty does not face an existential challenge, but certainly requires a radical re-imagination in the digital era. Are emerging technologies helping the state reassert its mandate over the individual? How is such an assertion manifesting itself? Governments are more in control today than at any point since the end of the Cold War over the economic and political affairs of their citizenry: will digital tools, by augmenting the state's capacity to surveil, govern and regulate, ironically stem the tide of globalisation?

- Arun Sukumar, Head, Technology and Media Initiative, ORF
- Sabrina Martin, Program Director, Oxford Insights
- Astha Kapoor, Co- Founder, Aapti Institute
- Rohit Bansal, Group Head of Communications, RIL
- Ephraim Kenyanito, Senior Program Officer, Article 19
- Andre-Michel Essoungou, Political Officer, UN

12:45 p.m.   Working Lunch

Lunch 1: Venue: Aftab Mehtab
Assessing the Impact of GDPR

The GDPR has created a new rights landscape for individuals, a more heavily regulated market for internet platforms, and new sovereign controls over the internet. Critics argue that the legislation has failed to rein in errant technology platforms and has harmed smaller enterprises, while others hail it as a new standard for individual rights in the digital age. This panel will discuss the lessons learnt from the first year of the GDPR and will provide a prognosis for its future. It will also ask how the GDPR will influence the future of the global internet.

- Paula Kift, Civil Liberties Engineer, Palantir Technologies (Chair)
- Pauline Reich, Senior Fellow with the Centre of Excellence for National Security (CENS), RSIS
- Anushka Kaushik, Research Fellow, Cyber Resilience Program, GLOBSEC

- Henry Pearson, Cybersecurity Ambassador, UK
- Malgorzata Krusiewicz, Independent Consultant and Advisor in international Economic Relations
- Rob Sherman, Vice President and Deputy Chief Privacy Officer, Facebook

Lunch 2: Venue: Villa Medici

Rights in Peril: The Dawn Of The Healthtech Revolution

From algorithms that can detect diseases before human eyes can, to mobile apps that enable doctors to reach patients in remote areas, technologies promise a panoply of solutions for healthcare's most enduring challenges. On the flip side, technologies also transform millions of users into data points, often without meaningful consent. Does privacy end where healthcare begins? Does the healthcare industry need to reimagine the core tenets of confidentiality and consent? Does personalised healthcare lead to the de-personalization of patients? What are the regulatory trends emerging in this sector?

- Shinjini Kundu, AI Scientist and Resident Physician at Johns Hopkins Hospital (Chair)
- Sujay Santra, CEO, Ikure
- Anjali Nayyar, Executive Vice President, Global Health Strategies
- Alex Emms, Chief Technology Officer, Ever Medical Technologies
- Sheetal Ranganathan, Vice President, Life Sciences and Healthcare, Evalueserve

Lunch 3: Venue: Longchamp
State, Capitalism or State-Capitalism

The political economy within which technologies are developed and deployed plays an important role in determining their effect on our

societies. When citizens drive the growth of platforms, and governments mitigate harm and incubate innovation, such collaboration forms the basis of a healthy "digital social contract". On the other hand, when corporations exist solely to serve the state we see emerging technologies deployed to maximise state control over citizens. A contest for influence between democratic and authoritarian capitalism is playing out in digital economies across the world. Are existing international institutions ill-equipped to handle this contest? Can emerging economies forge a viable "third way" in this contest?

- Dennis Broeders, Senior Fellow, Tha Hague Program for Cyber Norms (Chair)
- Mihir Sharma, Senior Fellow, ORF
- Pavel Koshkin, Research Fellow, Institute for US-Canadian Studies
- Marek Szczygieł, Ambassador-at-large, International Cyber Policy, Poland
- Viktoria Ivanchenko, Editor-in-chief – PICREADI
- Winston Wenyan Ma, Adjunct Professor at NYU

2:30 p.m.

Venue: Diwan-i-am
Regime Stability: Debating Digital Interventions

Open societies face an unprecedented assault from orchestrated disinformation campaigns, but few sustainable solutions have emerged to address what is essentially a social problem through limited technological quick fixes. Info ops target regimes secularly, and their impact on closed, repressive or autocratic governments may be even more pernicious than democracies. This panel will identify fundamental challenges that governments across the board face while tackling fake news or malicious disinformation campaigns and distil social tendencies and responses to them that may be more universal than previously believed.

- • Saikat Dutta, South Asia Editor - Asia Times (Chair)
- • Alok Chaturvedi, Professor of Management, Purdue University
- • Donara Barojan, Head of Operations, Astroscreen
- • Ashish Jaiman, Director Of Technology Operations, Microsoft
- • Cristovam Buarque, Member, Partido Popular Socialista, Brazil
- • Yulia Zagitova, Secretary, Russian Union of Journalists
- • Jairus Khan, Outreach, Internet Health at Mozilla Foundation

3:30 p.m. Break

3:50 p.m. Venue: Diwan-i-am
Unifying Narratives in a Fractured World: The Role of the Global Commission on the Stability of Cyberspace

This panel will take stock of its output at the end of its stipulated, two-year term. The Commission has been extraordinarily productive and highly visible in the cyber norms- space, but how effective has its advocacy been vis-a-vis states and businesses? What can the GCSC's experience teach future commissions and brain trusts?

- • Sean Kanuck, Founder and CEO of EXEDEC LLC (Chair)
- • Samir Saran, President, ORF
- • Latha Reddy, Co-Chairperson, GCSC
- • Abdul-Hakeem Ajijola, Executive Chairman, Consultancy Support Services Ltd
- • Timo Koster, Ambassador-at-large for Security Policy and Cyber, Netherlands

4:50 p.m. Venue: Diwan-i-am
Spotlight: Ashwin Rangan, Chief Innovation and Information Officer, ICANN

5.00 p.m. Tea/Coffee Break

5:10 p.m. Venue: Diwan-i-am
Start-Up Culture: Entrepreneurial Spirit, Patriarchal Design

While diversity is key to innovation, men who look and think similarly dominate the start-up economy across geographies. While start-ups have trouble hiring good employees, they often deter qualified women through work environments characterized by toxic "bro culture". Is entrepreneurial "passion" too often just a euphemism for plain, undesirable aggressiveness or displays of machismo? How can the start-up economy give more room to amplify big ideas of our day — wherever they emanate — and offer the support they need?

- Shweta Rajpal Kohli, Director, Government Affairs (South Asia), Salesforce (Chair)
- Sewagodimo Matlapeng, Software Developer, Yoco
- Diksha Madhok, Editor and Director of Platform, Quartz India
- Keyzom Ngodup Massally, Asia Pacific Lead, Better Than Cash Alliance, UNCDF
- Khalila Mbowe, Founder and C.E.O, Unleashed Africa
- Shelley Thakral, Head of Policy Programs (India, South Asia and Central Asia), Facebook

6:10 p.m. **Venue: Diwan-i-am**
Speedtalk: Yao Zhang, Founder and CEO, Roboterra

6:20 p.m. Break

6:30 p.m. **Venue: Diwan-i-am**
Looking Back at Two Decades of Multistakeholderism

Digital spaces are increasingly manipulated by malicious actors seeking to undermine political and economic processes. This damages trust in technologies and in public institutions. The global reach and anonymity afforded by cyberspace only exacerbates the challenge. How should states, businesses and communities converge on global norms and institutions to govern cyberspace and emerging technologies? More importantly, can such a process succeed at a time when cyberspace is fragmenting along sovereign borders?

- William Carter, Deputy Director and Fellow, Technology Policy Program, Centre for Strategic and International Studies (Chair)
- Kerstin Vignard, Head, UNIDIR Support Team to General Assembly Processes Pursuant to Resolutions 73/27 and 73/266
- Johanna Weaver, Australia's Representative to the UNGGE and OEWG on Cyber
- Iddo Moed, Director, Cyber Security Department, Ministry of Foreign Affairs, Israel
- Wolfram von Heynitz, Head of the Cyber Policy Coordination Staff at Auswärtiges Amt (Federal Foreign Office) Germany
- Guilherme Patriota, Special Representative of Brazil to the Conference on Disarmament

7:30 p.m.   **Venue: Diwan-i-am**
Closing remarks

8:00 p.m.   **Venue: Poolside Lawns**
Gala Dinner