CyFy 2022

technology • security • society

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The Stark Binary of Our Digital Future
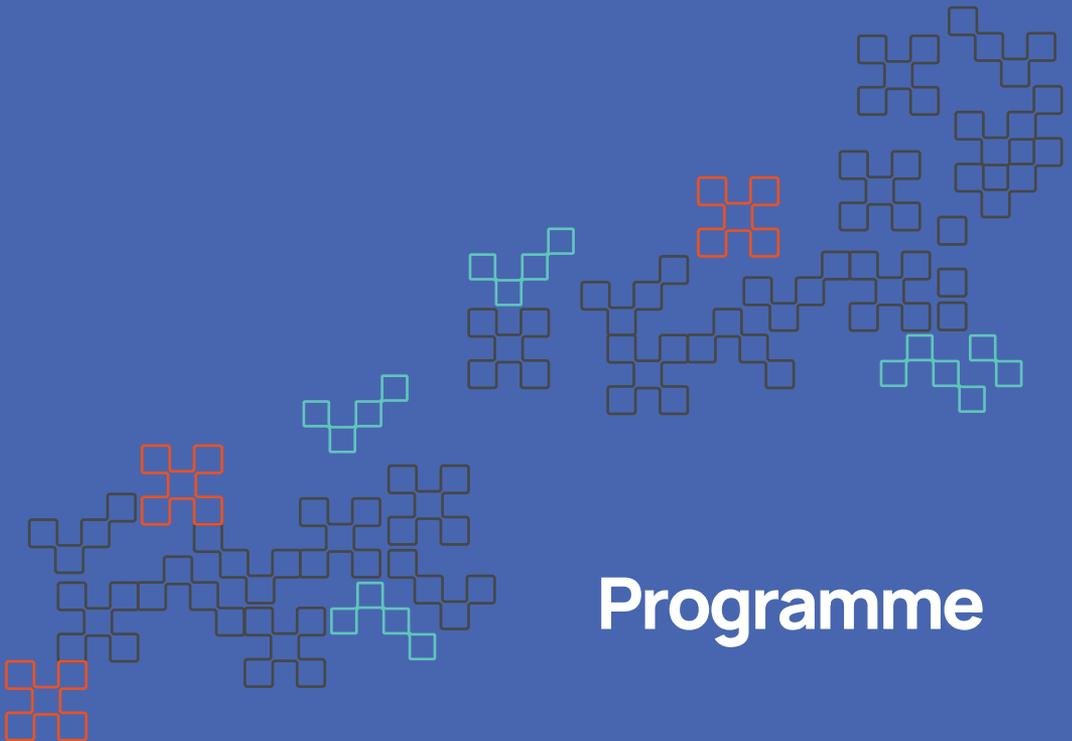
Programme

10:00 - 11:30

Registration
Venue: Kamal Mahal Hall

12:00 - 12:10

Welcome Remarks:
Sunjoy Joshi, Chairman, Observer Research Foundation, India
Trisha Ray, Chair, CyFy
Venue: Kamal Mahal Hall

12:15 - 12:45

Conference Opener
Omar Sultan Al Olama, Minister of State for Artificial Intelligence, United Arab Emirates and,
Samir Saran, President, Observer Research Foundation, India
Venue: Kamal Mahal Hall

12:45 - 12:55

Spotlight: Ritesh Pandey, Member of Parliament, Lok Sabha, India
Venue: Kamal Mahal Hall

13:15 - 14:45

Welcome Lunch

14:00 - 16:30

Roundtable: Enhancing Cooperation to Tackle Cyber-Attacks: EU and Indian Perspectives (by invite)

Recent years have seen a massive growth in the incidence of cyber-attacks and data breaches, costing businesses and governments around the world millions of dollars. India alone witnessed an 11.8 percent increase in cases of cybercrime in 2020. Similarly, in the EU too, cyber-attacks have continued to intensify both in terms of vectors and numbers, and also in terms of their impact. Cybercrimes can be complex, often involving multiple jurisdictions, and international cooperation is therefore essential for ensuring and promoting a safe, secure cyberspace. In this context, what are the most pressing cybercrime areas for European and Indian practitioners, and what specific challenges present themselves? How can the EU and India further strengthen cooperation to tackle cybercrimes and develop preventive mechanisms? How can the European and Indian private sector stakeholders be best involved in addressing cybercrime?
(Invite Only)

Venue: Chaitya Hall

15:00 - 15:30

The Age of Entropy? Seeking Consensus at the OEWG

While space utilisation, for a number of social, economic, and security functions, has grown, this dependence on space has also given way to vulnerabilities because of the growth of counter-space capabilities. Failure to secure space as a global common will put at stake its safe, sustainable, and uninterrupted use in the near-medium term. In this context, the new Open Ended Working Group (OEWG) on space security held its first round of discussions in May 2022, holding some promise as well as challenges in the face of the Ukraine conflict.

Victoria Samson, Washington Office Director, Secure World Foundation, United States

Laetitia Zarkan, Consultant, UNIDIR

Moderator: Rajeswari Pillai Rajagopalan, Director, Centre for Security, Strategy and Technology, Observer Research Foundation, India

Venue: Kamal Mahal Hall

15:30 - 16:00

High Tide in the Indo-Pacific: The Future of the Australia-India Tech Partnership

The Australia-India relationship is in a sunrise phase, with unprecedented alignment on their vision for a rules-based, peaceful and prosperous Indo-Pacific. These warming ties have opened up new causeways for collaboration, on cutting tech like quantum tech, blockchain, AI, future communications, and biotech. How can the two countries deepen the relationship and take it beyond Sydney and New Delhi? In the absence of consensus in the Indo-Pacific, can India and Australia forge the way?

Jayson Waters, Postdoctoral Research Fellow, University of Sydney, Australia

Prachi Mishra, Young Leaders in Tech Policy Fellow (University of Chicago), Observer Research Foundation, India

Jhalak Kakkar, Executive Director, Centre for Communication Governance (CCG), National Law University Delhi, India

Georgina McKay, First Secretary, Australian High Commission in New Delhi, Australia

Moderator: Trisha Ray, Chair, CyFy

Venue: Kamal Mahal Hall

16:00 - 16:10

Break

16:10 - 16:20

Spotlight: Bibek Debroy, Chairman, Economic Advisory Council to The Prime Minister, (EAC-PM), India

Venue: Kamal Mahal Hall

16:25 - 17:15

We Bargain: Social Protection in the Future of Work

The gig economy has grown dramatically over the last decade. As independent contractors, gig workers do not enjoy the protection afforded by labour laws and social security. Internationally, there have been several calls for reclassifying gig workers, but these are yet to translate into robust regulatory frameworks. In this context, how can legal classification of "labour" be calibrated for 21st century jobs? Could platform

agnostic reforms to existing labour and social protection laws, as with South Korea in 2020 or India's Code on Social Security, offer a solution? Should social protection be de-linked from the workplace? How can we rebalance bargaining power parity between platforms and gig workers?

Bibek Debroy, Chairman, Economic Advisory Council to the Prime Minister (EAC-PM), India

Nehaa Chaudhari, Partner, Ikigai Law, India

Fajar Hirawan, Head, Department of Economics, Centre for Strategic and International Studies (CSIS), Indonesia

Sunaina Kumar, Senior Fellow, Observer Research Foundation, India

Athira Menon, Head of Policy, South India and Sri Lanka, Uber, India

Moderator: Vivan Sharan, Partner, Koan Advisory Group, India

Venue: Kamal Mahal Hall

17:15 - 17:25	**Break**

17:30 - 18:00 **Setting the Stage: Inaugural Conversation**

Rajeev Chandrasekhar, Minister of State for Electronics and Information Technology and Minister of State for Skill Development and Entrepreneurship, India; and,

Samir Saran, President, Observer Research Foundation, India

Venue: Kamal Mahal Hall

18:10 - 19:00 **India @75: IndiaTech Goes Global**

In 2022, Digital India turned seven. India's digital economy has become a major driver of its growth, fuelling its rapid post-pandemic recovery as well. Despite the economic turmoil caused by COVID-linked lockdowns, its 2021 service exports surpassed 2019 levels within the first quarter of the year. The scope, scale, and ambition of its digital infrastructure have also fuelled India's digital partnerships with countries seeking to build DPIs of their own. After nearly a decade of providing creative, lean solutions to socio-economic challenges, can India now export its digital offerings? As it takes the helm of the G20 in December, how should it position itself to shape frameworks that will govern critical digital economy issues in a way that reflects the aspirations of emerging economies and promotes responsible innovation?

Sanjay Anandaram, Ambassador, iSpirt, India

Sanskriti Dawle, CEO and Co-Founder, Thinkerbell Labs, India

Ashish Aggarwal, Vice President and Head of Public Policy, NASSCOM, India

Imane Berchane, Co-founder and General Manager, Robots & More, Morocco

Moderator: Pranjal Sharma, Economic Analyst, Advisor and Author, India

Venue: Kamal Mahal Hall

19:30 - 21:00

Dinner Sessions

The Mandarin Poser: Offline, Online, or On The Line

A spectre is haunting our digital worlds, the spectre of "Red Tech", the hardware, software, rules, and protocols that are shaped by the Communist Party of China. As China's economic influence and technological capabilities have grown, it has sought to exercise its influence beyond its borders by manipulating global publics, and exerting control over the channels through which data and technologies flow. How should open societies, sworn to protect the rule-of-law and safeguard their citizens from harms posed by malicious actors, band together and bulwark their systems and institutions?

Lt. Gen. Rajesh Pant, National Cyber Security Coordinator, National Security Council Secretariat of India, Government of India, India

Adam Segal, Director of the Digital and Cyberspace Policy Program, Council on Foreign Relations, United States

Yuka Koshino, Research Fellow for Security and Technology Policy, The International Institute for Strategic Studies, United Kingdom

Nele Leosk, Ambassador-at-Large for Digital Affairs, Estonian Ministry of Foreign Affairs, Estonia

Gilbert Nyandeje, CEO, Africa Cyber Defence Forum, Kenya

Moderator: Sameer Patil, Co-chair CyFy and Senior Fellow, Observer Research Foundation, India

Venue: Tian Hall

Red Light, Green Light: Orbital Debris and Space Traffic Management

Large constellations come with many benefits but also challenges. The challenges in terms of potential for collisions, orbital debris, and space traffic management (STM) are significant, threatening stability and safety in orbit as well as space sustainability. STM discussions have largely focused on approximately 35,000 objects being tracked. However, this accounts for roughly 0.01 percent of the total population. The hazards to space safety and STM lie in the millions of untrackable objects.

P.J. Blount, Lecturer in Law, Cardiff university, United Kingdom

Anirudh Sharma, Director & CEO, Digantara, India

Moderator: Victoria Samson, Director, Washington O ice, Secure World Foundation, United States

Venue: Chaitya Hall

21:30 - 22:20

Night's Watch

Body of Work: Biotech and Reimagining What it Means to be Human

Biotechnology has successfully hacked multiple spheres of our lives. There have been attempts by the G8 to create multilateral collaborations with respect to reduction of disease and tracking food stock, and many countries have released biological frameworks to regulate biological data. However, there is a gap in our understanding of the ethics, laws, and rights around such technologies. How do we facilitate innovation in this area, especially with roadblocks in patenting and quick turnover in technology? What are the ethical considerations in maintaining biological data and profit margins in biotech? How do we regulate gene manipulation?

Anurag Agrawal, Dean, Biosciences and Health Research, Trivedi School of Biosciences, Ashoka University, India

Sujay Santra, Founder and CEO, Ikure Techsoft Pvt. Ltd., India

Ayoade Alakija, Special Envoy, Ambassador, WHO

Pamod Amarakoon, Senior Implementer, HISP Sri Lanka & University of Oslo, Sri Lanka

Moderator: Shravishtha Ajaykumar, Associate Fellow, Centre for Security, Strategy and Technology, Observer Research Foundation, India

Venue: Tian Hall

DAY 02

October 27, Thursday

10:00 - 10:30

Registration Venue: Kamal Mahal Hall

9:00 - 11:30

Workshop: A Quantum Leap: Policy, Partnerships, and Probity

Quantum computing has rapidly moved from concept to real world applications, including quantum cryptography and simulations. It has also opened up a new stream of ethical inquiry, with new questions about progress, governance, and norms. Where is India placed in the race to quantum supremacy? Do other paradigm-shifting technologies, like nuclear and AI, provide adequate parallels? With growing conflict among the techno-economic haves and have nots, will quantum technology go the atom bomb way?

(Registration required)

Venue: Chaitya Hall

10:15 - 11:05

A Billion Voices: A Conversation with Parliamentarians on Technology, Society, and Inclusion

Fauzia Khan, Member of Parliament, Rajya Sabha, India

Midhun Reddy, Member of Parliament, Lok Sabha, India

Sasmit Patra, Member of Parliament, Rajya Sabha, India

Mahua Maji, Member of Parliament, Rajya Sabha, India

Moderator: Rwitwika Bhattacharya, CEO, Swaniti Initiative, India

Venue: Kamal Mahal Hall

10:30 - 12:00

Roundtable: Combining the Carrot with the Stick: Discovering the Right Policy Mix for the EV Transition

With electric vehicles finding acceptance as an alternative to the internal combustion engine, policymakers must now identify the right policy mix if the EV transition is to be sustained in the long run. What lessons can be taken from the existing experience with implementing stringent regulations for EV adoption? How can policymakers effectively address safety and data privacy concerns associated with EVs? What would a complementary policy mix for EVs ideally look like for a developing economy given budgetary constraints and industrial ambitions?

(Invite required)

Venue: Tian Hall

11:05 - 11:55

Sovereign Slices: Will Societies Survive Technology?

Authoritarian regimes have tightened their legislative grip over the online public square, punishing divergent views. Through such control, they advance their influence in the domestic sphere, while undermining democratic ideals beyond their shores. Concurrently, open societies find themselves vulnerable both to interference by belligerent regimes, as well as tech giants that are unable or unwilling to respond

DAY 02

October 27, Thursday

to the concerns of "smaller" markets. These regimes are enacting national laws that are more cognizant of local contexts. Is the splinter-net an unavoidable consequence of unaccountable tech giants? Can sovereign control over digital spaces co-exist with absolutist notions of free speech?

Katarina Klingova, Senior Research Fellow, GLOBSEC Policy Institute, Slovakia

Samiran Gupta, Senior Director, Public Policy and Philanthropy, India and South Asia, Twitter, India

Lydia Kostopoulos, Senior Vice President, Emerging Tech Insights, KnowBe4, United States

Svetlana Zens, Independent Digital Rights Expert, ASEAN Region and Central Asia, Myanmar

Moderator: Rudra Chaudhuri, Director, Carnegie India, India

Venue: Kamal Mahal Hall

12:00 - 12:30

In Conversation: Neal Mohan, Chief Product Officer, YouTube, and SVP Google, and **Samir Saran**, President, Observer Research Foundation, India

Venue: Kamal Mahal Hall

12:30 - 14:00

Breaking Bread: Lunch Conversations

Ctrl + Alt + Delete: How Women Reclaim Online Spaces

The way people interact in the virtual world is an imperfect copy of how they navigate real-world dynamics. In some ways, it amplifies inequal-ities, in others, it empowers and enables new kinds of expression and agency, allowing one to find communities that are singularly one's own. From work and commerce to love and community, what are the unique ways in which women navigate online spaces? How do they exercise agency and consent? As women claim ownership over their online selves, are we witnessing the first dying breaths of old sexist dogmas?

Priyanka Chaturvedi, Member of the Parliament, Rajya Sabha, India

Cindy Gallop, Founder & CEO, MakeLoveNotPorn, United States

Savannah Kunovsky, Design Director, IDEO, United States

Aakanksha Tangri, Founder, Re:Set, United Arab Emirates

Sachee Malhotra, CEO & Founder, thatsassything, India

Vrinda Bhandari, Advocate, Supreme Court of India, India

Moderator: Mahima Kaul, Head of Public Policy for APAC, Bumble, India

Venue: Tian Hall

Divide or Conquer: The New Frontiers of Connectedness

Web 3.0 heralds a truly immersive and inclusive experience, while maintaining privacy and user agency. However, the current trajectory of the web does not yet promise a natural transition: We may well be heading towards two or more "splinternets". Some jurisdictions may exercise strict controls on the flows of information and value, while others may invite investments on the basis of regulatory arbitrage. With multiple possible futures, is international coordination a prerequisite to maximising market and societal welfare stemming from Web3? Can groupings such as the G20 imbue Web3 with core principles like access and accountability?

Nicolo Andreula, Managing Director, Disal Consulting, Italy

Xenia Bogomolec, Information Security Manager & CEO, Quant-X Security & Coding GmbH, Germany

Adi Yoffe, Business Futurist and Lecturer, School of Business at Reichman University, Herzliya, Israel

Tom Duff Gordon, Vice President International Policy, Coinbase, United Kingdom

Chi Ung Song, Senior Research Fellow & Director of Center for Asia-Pacific Strategy on the Frontier Technology,Science & Technology Policy Institute (STEPI), Republic of Korea

Moderator: Pranjal Sharma, Economic Analyst, Advisor and Author, India

Venue: Chaitya Hall

14:15 - 15:05

The Neutrality Paradox: Big Tech, War, and International Humanitarian Law

Digital services are essential services akin to hospitals, electricity, and water. While cutting communication lines in times of war is not without precedent—Britain pioneered cable-cutting during World War I—the consequences of interruption of digital services today have far-reaching consequences. The conflict between Russia and Ukraine, and the suspension of essential digital services have sent alarm bells ringing in capitals across the developing world. Do multinational tech giants have a duty to ensure continuity of digital services during conflicts and other national emergencies? Should certain tech companies be considered an actor with responsibilities at par with the state in the application of international humanitarian law? Is the suspension of essential digital services a violation of humanitarian law?

Regine Grienberger, Cyber Ambassador, Federal Foreign Office, Germany

Jhalak Kakkar, Executive Director, Centre for Communication Governance (CCG), National Law University Delhi, India

Cecile Aptel, Deputy Director, United Nations Institute for Disarmament Research (UNIDIR)

Svetlana Zens, Independent Digital Rights Expert, ASEAN Region and Central Asia, Myanmar

Moderator: Kaja Ciglic, Senior Director, Digital Diplomacy, Microsoft, Slovenia

Venue: Kamal Mahal Hall

15:05 - 15:35

In Conversation:

Tom Burt, Corporate VP, Customer Security and Trust, Microsoft, United States, and

Sameer Patil, Co-chair CyFy and Senior Fellow, Observer Research Foundation, India

Venue: Kamal Mahal Hall

15:35 - 15:45

Break

15:45 - 15:55

Speedtalk: AI in Justice or AI Injustice

Sachin Malhan, Co-founder, Agami, India

Venue: Kamal Mahal Hall

15:55 - 16:25

In Conversation

Ajit Mohan, Vice President and Managing Director, Meta India, India, and

Samir Saran, President, Observer Research Foundation, India

Venue: Kamal Mahal Hall

16:35 - 17:20

Aspirations, Access, and Agency: Startups and the Quest for the Next Million

All great startups begin with an innovative idea, often identifying a gap in the market that bigger enterprises are not agile enough to fill. Yet, for an idea to bloom, it must be supported by well-crafted policies, and an ecosystem of skilling, financing, and access to tools. How can governments, accelerators, and communities help power the new generation of startups, especially those led by women, that seek to better the daily lives of people? How does one scale their enterprises and grow the user/customer base while staying true to the initial vision? Is it time for investors to move beyond large startup hubs and look to the grassroots, where profits are secondary to the upliftment of the most excluded?

Savannah Kunovsky, Director of Product & Experiences at IDEO, United States

Cristina Riesen, Founder and CEO, Educreators Foundation, Switzerland

Regina Sipos, EU Project Lead & Research Associate, Technische Universität Berlin, Germany

Tshering Cigay Dorji, Domain Lead, ICT, Desuung Skilling Program, Bhutan

Jagannatha Kumar, CEO, Reliance Foundation, India

Moderator: Gautam Saxena, Founder, Pegasus 7 Ventures, Singapore

Venue: Kamal Mahal Hall

17:20 - 17:30　　**Break**

17:30 - 17:40　　**Spotlight: How Platforms Must Help Businesses Grow**

Natasha Jog, Head, Public Policy, Instagram, India

Venue: Kamal Mahal Hall

17:40 - 17:50　　**Speedtalk: Bridging the Gap Between Founders and Funders**

Mansour Al Sanooni, Co-founder, Exponeur, Saudi Arabia

Venue: Kamal Mahal Hall

17:50 - 18:40　　**Making User-Citizens the Core of the Digital G20**

Countries with robust DPGs have been able to build back better, withstand geopolitical shocks, and generate value in advancement of their digital economies. As India takes the helm of the G20 in 2023, it is uniquely positioned to bring DPIs into the broader global digital agenda. India is a leader on this subject, and has enabled access to government services and private innovation, especially for the last mile. Of particular relevance is the Data Empowerment and Protection Architecture (DEPA), which seeks to create a data architecture that puts power back into the hands of users. With efforts being made to institutionalise DPGs in different parts of the world, how can the G20 help build, finance, and deploy DPGs within the grouping and beyond?

Prajakta Kuwalekar, Product Manager, Digital Public Goods Alliance, India

Shoko Noda, Resident Representative, UNDP India

Beat Estermann, Professor, Institute for Public Sector Transformation, Bern University of Applied Sciences, Switzerland

Kim Jeong-gon, Research Fellow, Korea Institute for International Economic Policy (KIEP), Republic of Korea

Abhishek Singh, President & Chief Executive Officer, National E-Governance Division, Ministry of Electronics and IT, India

Moderator: Sanjay Anandaram, Ambassador, iSpirt, India

Venue: Kamal Mahal Hall

18:40 - 18:50

Keynote Address: Looking Back to Look Ahead: Tech for Pandemic Response

Bharat Lal, Director General, National Centre for Good Governance, India

Venue: Kamal Mahal Hall

18:50 - 19:40

Ghost in the Shell: Choice, Agency, and Algorithms

In the information overload age, attention is a scarce resource. Big Tech platforms, which began with the noble intention of connecting people, building communities, and exchanging ideas, rely on opaque algorithms for profit, sometimes at the cost of the user. Can we escape the vicious cycle of "auto-play" and bite-sized content? How must we reimagine the economics of attention and data in a way that upholds the dignity of users, and promotes creative engagement over passive consumption?

Bulbul Monjurul Ahsan, Editor-in-Chief, TV Today, Bangladesh

Niniane Paeffgen, Managing Director, Swiss Digital Initiative, Switzerland

Mallory Knodel, Chief Technology Officer, Centre for Democracy and Technology, United States

Moderator: Pavlina Pavlova, Research and Project Management Associate, CyberPeace Institute, Switzerland

Venue: Kamal Mahal Hall

20:00 - 21:30

Dinner Sessions

Down to the Nanometer: Chasing the Semiconductor Windfall

Supply chains are necessarily global, but in an era of "vulnerable interdependence", states are building their own capabilities, rules, and institutions to protect domestic innovation. With Semicon, India joins the global race to shape global semiconductor supply chains, joining the likes of the EU Chips Act, the US' CHIPS and Science Act, and China's national IC Act. Where should countries like India, that are hoping to become a leader in this space, focus their investments? In the midst of successive US bans on Chinese equipment, what are the emerging gaps and opportunities in semiconductor supply chains? Should countries seek a niche, along with the risks that come with becoming a bottleneck in the supply chain? Or should they hedge their bets on uncertain future trends, in search of windfall?

Dhiraj Nayyar, Director, Economics & Policy and Senior Vice President Vedanta Resources Limited, India

Wongi Choe, Professor and Head of Center for ASEAN-India Studies, Korean National Diplomatic Academy, Republic of Korea

Rahul Rao, Distinguished Engineer, IBM, India

Vinod Dham, Founder and Managing Partner, IndoUS Venture Partners, India

Urmi Tat, Policy and Investment Specialist, (formerly) Electronics System Design and Manufacturing (ESDM) Team, Invest India

Moderator: Rajeswari Pillai Rajagopalan, Director, Centre for Security, Strategy and Technology, Observer Research Foundation, India

Venue: Tian Hall

Daedulus Effect: The Promise and Perils of the Drone Revolution

Unmanned aerial vehicles (UAVs) are a transformative tech. While drones are used in the aerospace and defence domain, their use in civilian sectors is still limited. There are promising commercial applications in a variety of sectors, including agriculture, healthcare, mining, infrastructure, e-commerce, and logistics. Drones can also facilitate regular accurate mapping of relatively unconnected and remote areas, enabling improved delivery of government services, as was the case with India's SVAMITVA project. The commercial drone market is poised to take-off in the next decade: How are governments and industry working to capitalise on the growth potential of drones, both domestically and overseas? What role can international partnerships play to bolster responsible adoption of drone tech?

Rohan Ganapathy, CEO & CTO, Bellatrix Aerospace, India

Kim Lear, Head of New Markets, Zipline, United States

Amber Dubey, Former Joint Secretary, Ministry of Civil Aviation, India

Antara Vats, Junior Fellow, Centre for Security, Strategy and Technology, Observer Research Foundation, India

Siddhant Dayal, Business Head, Palantir, United Arab Emirates

Moderator: Rajan Luthra, Chairman's Office, Reliance Industries,

Ex-Founding Chair, FICCI Drone Committee, India

Venue: Chaitya Hall

22:00 - 22:50

Night's Watch

I've Got My Eyes on You: Care, Commerce, and Control

What is the "correct" balance between the rights of the individual on the one hand, and national security and profit on the other? Digital surveillance, whether under the watchful eye of the government or to feed into commercial algorithms, must be bound by principles like necessity and proportionality that govern these operations in the physical realm. While surveillance is generally accepted as a regular function of the state, when does the "reasonable" cross a red line? Or is the act of surveillance value neutral, whose ethics are determined by who is behind the screen as well as in front of it?

Veronika Nagy, Assistant Professor, Willem Pompe Institute for Criminal Law and Criminology, School of Law, Utrecht University, the Netherlands

Karnika Seth, Founding Partner, Seth Associates, India

Samaila Atsen Bako, Director, Communications, Cyber Security Experts Association of Nigeria (CSEAN), Nigeria

Madan Oberoi, Former Advisor (Cyber), Ministry of Home Affairs, India

Gareth Meyer, Deputy Head of Assessments, Office of National Intelligence , Australia

Moderator: Rohit Bansal, Group-Level Leader & Group Head of Communications, Reliance Industries Limited, India

Venue: Tian Hall

10:00 - 10:30

Registration Venue: Kamal Mahal Hall

10:30 - 11:20

Cyberwar on Auto-pilot: Emtech and the Search for Cyber Stability

The increased ability and willingness of state and non-state actors to pursue their objectives through malicious cyber activities are a current and present danger. ML and DL (and soon quantum) are being deployed for malicious purposes including creating deep fakes, breaking encryption, and gaining unauthorised access to critical systems. Will emerging technologies disrupt the balance of power or further entrench the strategic advantages of the most powerful states? In light of recent developments in Eastern Europe and the Indo-Pacific, what role are such tools set to play in future conflicts? How should governments and the private sector partner to use disruptive tech in furtherance of cyber stability?

Mark Grzegorzewski, Senior Instructor, Department of Strategic Intelligence and Emerging Technology, Joint Special Operations University, US Special Operations Command, United States

Renata Dwan, Senior Consulting Fellow and Former Deputy Director,Chatham House, United Kingdom

Pavlina Pavlova, Research and Project Management Associate, CyberPeace Institute, Switzerland

Jeff Moss, "Dark Tangent", Founder, Black Hat & DEF CON, United States

Moderator: **Wolfgang Kleinwächter**, Professor Emeritus, International Communication Policy and Regulation, University of Aarhus, Germany

Venue: Kamal Mahal Hall

11:20 - 12:10

Mediated Identities: Imagined Nations; Convenient Truths

Reality is in a flux. The virulent spread of disinformation, paired with impenetrable filter bubbles, has created wildly divergent and persistent beliefs—even in the face of evidence to the contrary—about history, national identities, and borders. The very conceptualisation of a nation-state may be under threat. Are we headed towards an era of flattened identities and tribalism?

Adam Segal, Director of the Digital and Cyberspace Policy program, Council on Foreign Relations, United States

Sonja Peteranderl, Founder, BuzzingCities Lab, Germany

Helani Galpaya, CEO, LIRNEasia, Sri Lanka

Moderator: Erin Saltman, Interim Executive Director and Director of Programming, Global Internet Forum to Counter Terrorism (GIFCT), United Kingdom

Venue: Kamal Mahal Hall

12:10 - 12:20

Speedtalk: How To Change The World Through Sextech

Cindy Gallop, Founder & CEO, MakeLoveNotPorn, United States

Venue: Kamal Mahal Hall

12:30 - 14:00

Breaking Bread: Lunch Sessions

Boon, Bane, or Bust: Can Our Planet Survive Tech?

Humanity's drive to innovate is based on the belief that technologies create a fundamentally better world. However, are new and emerging technologies eating away at our planet? In 2020, ICT accounted for upto 2.3 gigatons CO2eq in global GHG emissions, bitcoin mining consumes enough energy to power entire nations, and global data centre energy use accounts for the equivalent of the electricity consumption of an upper-middle income country like Thailand. How do we make "responsible innovation" a creed rather than just a buzzword? With many entities accused of "greenwashing", what does meaningful change towards lessening the environmental impact of one's operations look like?

Houda Chihi, Founder, ICT Innov-LAB, Tunisia

Sunjoy Joshi, Chairman, Observer Research Foundation, India

Janet Salem, Founder, FootprintLab, Australia

Subrata Kumar Mitra, Vice President, Head of Government and Industry Relations, Ericsson India Ltd, India

Moderator: Anita Gurumurthy, Executive Director, IT for Change, India

Venue: Tian Hall

Regulate to Innovate: Untangling Web 3.0

If the ethos of Web2 was interactivity, social connectivity, and user-generated content, Web3 claims to push the envelope by fundamentally challenging corporate gatekeepers. However, the potential of the technology underlying Web3 remains largely unexplored. Historically, regulation has created space for innovation, but in today's environment, is regulation primarily leveraged to decelerate the pace of innovation? Is regulation protecting consumers or has "consumer protection" become a tool for suboptimal regulation? Given that governments cannot effectively protect users in a transnational innovation environment, how should innovators step up to serve the public interest?

Wolfgang Kleinwächter, Professor Emeritus, International Communication Policy and Regulation, University of Aarhus Germany

Vikram Sharma, Founder and CEO, QuintessenceLabs, Australia

Amar Patnaik, Member of Parliament, Rajya Sabha, BJD National Spokesperson & Head, IT Wing, India

Meghna Bal, Fellow, Esya Centre, India

Mridul Gupta, COO, CoinDCX, India

Moderator: Tanvi Ratna, Founder and CEO, Policy 4.0, India

Venue: Chaitya Hall

14:15 - 14:25

Keynote Address: Digital Self-Determination

Benedikt Wechsler, Head of Division for Digitalisation, Swiss Federal Department of Foreign Affairs, Switzerland

Venue: Kamal Mahal Hall

14:25 - 15:15

Regulatory Subterfuge: Grand Narratives on AI Ethics

With more than 160 published ethical principles and frameworks to guide ethical development and deployment of AI, the conversation around AI ethics has gained steam since 2018. However, there is no agreement between stakeholders on common ethical principles and how to implement them. Should we strive for a common understanding of AI ethics or should our energies now focus on context-specific principles? Are grand declarations of AI principles just theatre to evade governance and accountability for AI harms? And are ethics subterfuge to evade the regulatory heft of a rights-based approach?

Madeline Carr, Professor, Global Politics and Cybersecurity, University College London, United Kingdom

Husanjot Chahal, Research Analyst, Center for Security and Emerging Technology (CSET), Georgetown University, United States

Neira Dali Chaouch, Secretary General, Women in AI, France

Thomas Schneider, Director of International Affairs, Federal Office for Communications, Switzerland

Moderator: Thomas Philbeck, Managing Director, SWIFT Partners Sàrl, Switzerland

Venue: Kamal Mahal Hall

15:15 - 15:25

Speedtalk: Inspiring India: Content that Speaks to a Million Aspirations

Supriya Paul, CEO and Co- Founder, Josh talks, India

Venue: Kamal Mahal Hall

15:25 - 16:15

Cross-border Data Flows: Past Progress, Present Impasse?

In 2006, mathematician Clive Humby coined the phrase "Data is the new oil". This notion has since been embraced, interrogated, and dispelled. At the Osaka Summit in 2019, the G20 recognised that data is the lifeblood of digital development, innovation, and growth, although it did not achieve consensus on this statement. How can the CBDF narrative be made more accommodative of developing nations that are yet to define and create their data protection frameworks? Should data-intensive platforms share their gains with users? Is it possible to arrive at a global compromise—with room for minor local variations?

Michael Nelson, Senior Fellow, Technology and International Affairs Program, Carnegie Endowment, United States

Narendra Nath G, Joint Secretary, National Security Council Secretariat, Government of India, India

Sreenidhi Srinivas, Partner, Ikigai Law, India

Alice Pannier, Head, Geopolitics of Technology Programme, French Institute of International Relations, France

Karthik Nachiappan, Research Fellow, ISAS National University of Singapore, Canada

Moderator: Arvind Gupta, Head and Co-Founder, Digital India Foundation, India

Venue: Kamal Mahal Hall

16:15 - 16:25

Speedtalk: Building Platforms with the Community at its Core

Piyush Kulshreshtha, CEO and Founder, Loktantra Mediatech, India

Venue: Kamal Mahal Hall

16:25 - 16:35

Break

16:35 - 16:45

Keynote Address: A New Digital Compact for the 21st Century

Amandeep Singh Gill, Under-Secretary-General, Envoy on Technology, United Nations

Venue: Kamal Mahal Hall

16:45 - 17:25

Gold Rush: Supply Chains, Sovereignty, and Shared Values

After decades of unfettered concentration of tech supply chains, the incumbents are digging in their heels in the face of new challengers seeking to carve out their own slice of GVCs. Old giants and new are deploying industrial policy as well as leveraging geopolitical narratives on democracy, shared values, national glory, and "taking back control". Are we in the midst of diversification or simply a new round of consolidation around those who already dominate? How should groupings like the Quad and the G20 allocate their energies in shaping the rules of

the road? Given deepening fissures and fundamentally divergent worldviews, are partnerships of smaller groups of like-minded countries the only way forward on supply chain resilience?

Yuka Koshino, Research Fellow for Security and Technology Policy, The International Institute for Strategic Studies, United Kingdom

Marguerite Benson, Founder, Sticky Wicket Advising, United States

Fajar Hirawan, Head, Department of Economics, Centre for Strategic and International Studies (CSIS), Indonesia

Jhanvi Tripathi, Associate Fellow, Geoeconomic Studies Programme, Observer Research Foundation, India

Gursharan Singh, Senior Vice President, Global Assembly and Test, Micron, United States

Moderator: Ashok Malik, Chair of the India Practice, The Asia Group, India

Venue: Kamal Mahal Hall

17:25 - 18:15

The Internet Singularity: Exploring the Metaverse

It is a brave new world: The metaverse is touted as the future of the internet, with intrepid companies, big and small, hedging on its success. However, the tech is in the midst of some growing pains. Early users complain about the uncanny valley effect, the struggle to communicate naturally in the absence of usual social cues, and the often stilted interaction as internet speeds struggle to keep up. What signposts should users and investors look out for to trace the state of the metaverse? Should we expect a period of uneven growth, as different underlying technologies grow at different paces? Is the metaverse set to be a fundamentally West-driven construct, or have the dynamics of technological innovation changed enough for leaders to arise elsewhere in the world?

Adi Yoffe, Lecturer, School of Business at Reichman University, Herzliya, Israel

Thomas Philbeck, Managing Director, SWIFT Partners Sàrl, United States

Utsav Mittal, Founder, Xiarch Solutions, India

Rajiv Aggarwal, Director and Head of Public Policy, Meta India, India

Moderator: Shravishtha Ajaykumar, Associate Fellow, Centre for Security, Strategy and Technology, Observer Research Foundation, India

Venue: Kamal Mahal Hall

18:15 - 18:35   **Break**

18:35 - 19:25   **The Economics of Exploration: Public-Private Partnerships in Space**

Even in the early 2000s, outer space exploration was limited to governmental entities. But in more recent years, private players such as SpaceX, Nanoracks, and Blue Origin have revolutionised the space industry by developing new technologies and launching rockets into outer space. As private actors advance their interests in the space domain, there is an opportunity for governments to encourage public-private partnerships to further space development at an accelerated pace while maximising efficiency. Public-private partnerships provide new opportunities for commercial companies to innovate and augment space capabilities, while governments need to come up with appropriate policies and regulations to maximise the growth potential.

Rohan Ganapathy, CEO & CTO, Bellatrix Aerospace, India

Aya Iwamoto, Director, Japan Space Policy, Astroscale Japan, Japan

Ashok GV, Dispute Resolution Counsel, Factum Law, India

Rose Croshier, Policy Fellow, Center for Global Development, United States

George Weinmann, Sr. Director, Orbital Reef Enterprise Development, Blue Origin, United States

Moderator: Rajeswari Pillai Rajagopalan, Director, Centre for Security, Strategy and Technology, Observer Research Foundation, India

Venue: Kamal Mahal Hall

19:25 - 20:15   **Hidden Dragon: Red Threats and Blackouts**

Communications security is a complex beast, and the security of infrastructure is therefore crucial at each step. There is no distinction between the "edge" and "core", and "trusted connectivity"—including who builds and controls this infrastructure—is not just a technical problem but one that could disrupt businesses, compromise critical communications, and leave ordinary citizens vulnerable. How should service providers and governments secure communications infrastructure against disruptions, malicious or otherwise?

Rahul Vatts, Chief Regulatory Officer India & South Asia, Bharti Airtel, India

Tiit Risalo, Ambassador-at-Large for Connectivity, Estonian Ministry of Foreign Affairs

Agnieszka Wierzbicka, Senior Expert, Chancellery of the Polish Prime Minister, and Delegated National Expert to the ENISA European Union Agency for Cybersecurity, Belgium

Sanjay Bahl, Director General, Indian Computer Emergency Response Team (CERT-In), Ministry of Electronics and IT, India

Moderator: Gautam Chikermane, Vice President, Observer Research Foundation, India

Venue: Kamal Mahal Hall

20:15 - 20:20   **Closing and Vote of Thanks**

Sameer Patil, Co-chair CyFy and Senior Fellow, Observer Research Foundation, India

Venue: Kamal Mahal Hall

20:30   **Closing Dinner**