

CENS Workshop on
DRUMS 2022:

SECURITY IN A POST TRUTH WORLD

2 – 3 November 2022
PARKROYAL Collection Singapore

WORKSHOP INFORMATION

Organiser

RSiS | S. RAJARATNAM
SCHOOL OF
INTERNATIONAL
STUDIES
Nanyang Technological University, Singapore

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Preface

The Centre of Excellence for National Security (CENS), a research unit of the S. Rajaratnam School of International Studies (RSIS), with the support of the National Security Coordination Secretariat (NSCS), part of Singapore's Prime Minister's Office (PMO), warmly welcomes you to the CENS Workshop on DRUMS 2022: Security in a Post Truth World

All panel sessions of the workshop are on record and will be captured in the conference report.

For syndicate discussions and Q&A sessions, the responses by speakers will be on record, but individuals posing questions will not be identified.

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Workshop Programme

Venue: Garden Ballroom Foyer, Level 1

Wednesday, 2 November 2022

0800–0900hrs **Registration**

Venue : Garden Ballroom Foyer, Level 1

0900–0910hrs **Workshop Welcome Remarks by Shashi Jayakumar**,
Head, Centre of Excellence for National Security (CENS), RSIS, NTU

0910–1000hrs **Panel 1: Alternate Spaces in Information Operations**

Chair : **Teo Yi-Ling**, Senior Fellow, CENS, RSIS, NTU

Speakers : **Content Moderation on Encrypted Platforms** by **Kiran Garimella**, Assistant Professor, Rutgers University

Information Operations on Wikipedia by **Abhas Tripathi**,
Disinformation Manager, Wikimedia Foundation

1000–1030hrs **Networking Break**

1030–1100hrs **Special Presentation: Influence and Coordination: Detecting Interesting Activity in Social Media** by **Kathleen M. Carley**, Professor, Carnegie Mellon University

1100–1200hrs **Panel 2: Countermeasures**

Chair : **Shashi Jayakumar**, Head, CENS, RSIS, NTU

Speakers : **Co-designing a Mobile-based Game to Improve Misinformation Resistance and Vaccine Knowledge in Uganda, Kenya, and Rwanda** by **John Cook**, Associate Professor, Monash University

The Weaponised Fact-Check: False Flags and False Checks by **Andrew Moshirnia**, Associate Professor, Monash University

Checking on Fact-Checking: What's Effective and What Can Backfire by **Edson C. Tandoc Jr.**, Associate Professor, Wee Kim Wee School of Communication and Information, NTU

Wednesday, 2 November 2022

1200–1330hrs **Networking Lunch**

1330–1430hrs **Panel 3: Regulating Platforms**

Chair : **Benjamin Ang**, Deputy Head, CENS, RSIS, NTU

Speakers : **Regulating Social Media Platforms to Protect Human Rights in Southeast Asia: A Civil Society Perspective** by **Sutawan Chanprasert**, Executive Director, DigitalReach

Lessons Learned from Content Moderation in Indonesia: Towards Content Governance by **Sherly Haristya**, Independent Researcher

Mitigating Digital Disruption: Strategies from the Asia Pacific and a Case Study of Combatting Disinformation During Australia's 2022 Election by **Andrea Carson**, Professor of Political Communication, La Trobe University, Melbourne

1430–1500hrs **Networking Break**

1500–1630hrs **Interactive Syndicate Discussions**

Syndicate 1

Venue : Clover 1, Level 1

Syndicate 2

Venue : Clover 6 & 7, Level 1

Syndicate 3

Venue : Clover 4 & 5, Level 1

- All participants will be divided into three syndicate groups.
- Each of the three Panels (all three speakers) will join one of the three syndicate groups
- Each Panel (all three speakers) will participate in Q&A with that syndicate group for 30 mins
- After 30 mins, each Panel will be escorted to join the next syndicate group until all Panels have met all groups

Wednesday, 2 November 2022

1630hrs **End of Day 1**

1830–2030hrs **Welcome Dinner for Speakers**

Venue : Peach Blossom, Level 5

Thursday, 3 November 2022

0800–0900hrs **Registration**

Venue : **Garden Ballroom Foyer, Level 1**

0900–1000hrs **Panel 4: Strategic Communication and Alternative Media Channels**

Chair : **Gillian Goh**, Adjunct Senior Fellow, CENS, RSIS, NTU

Speakers : **Experiences in Countermeasures** by **COL Jason Wright**, R/GEC Senior Military Advisor, Colonel, US Army, Global Engagement Center, Department of State

A Fake New World: Fighting Mis/disinformation with AI, Edutainment and Social Media Literacy by **Priyank Mathur**, Founder and CEO, Mythos Lab

Networks, Openness, and Innovation - the UK's Communications During Russia's Illegal Invasion of Ukraine by **Henry Collis**, Deputy Director, National Security Communications Team, UK Cabinet Office

1000–1030hrs **Networking Break**

1030–1130hrs **Panel 5: Big Corporations and the Future of the Internet**

Chair : **Muhammad Faizal Bin Abdul Rahman**, Research Fellow, RSAP, RSIS, NTU

Speakers : **Hard Coding Rights into The Internet: What's Needed to Architect a Resilient Information Ecosystem** by **Quinn McKew**, Executive Director, Article19

How Online Misinformation Affects Brands and Young People, and Solutions for Mitigating These Threats by **Veena McCoole**, VP, Strategic Partnerships, NewsGuard

Fighting Misinformation at Meta by **Alice Budisatrijo**, APAC Head of Misinformation Policy, Meta

1130–1300hrs **Networking Lunch**

Thursday, 3 November 2022

1130–1300hrs **Networking Lunch**

1300–1400hrs **Panel 6: Identity and Online Harms**

Chair : **Yasmine Wong**, Senior Analyst, CENS, RSIS, NTU

Speakers : **Peacebuilding in the Digital Age: A Gendered and Intersectional Approach** by **Norul Mohamed Rashid**, Policy Advisor on Governance and Peace & Security for Asia and the Pacific, UN Women

Gender and Security in Digital Space by **Gulizar Hacıyakupoglu**, Research Fellow, CENS, RSIS, NTU

Indonesia's Lessons Learned in Addressing Online Gender-Based Violence by **Fitriani**, Cyber Security Project Lead / Senior Researcher, International Relations Department, Centre for Strategic and International Studies (CSIS) Indonesia.

1400–1430hrs **Networking Break**

1430–1600hrs **Interactive Syndicate Discussions**

Syndicate 1

Venue : Clover 1, Level 1

Syndicate 2

Venue : Clover 6 & 7, Level 1

Syndicate 3

Venue : Clover 5, Level 1

1600–1630hrs **Closing Remarks** by **Shashi Jayakumar**, Head, CENS, RSIS, NTU

1630hrs **End of Workshop**

1830–2030hrs **Closing Dinner (by Invitation Only)**

Venue : Peppermint, Level 4

Presentation Abstracts

Panel One

Alternate Spaces in Information Operations

Content Moderation on Encrypted Platforms by **Kiran Garimella**, Assistant Professor, Rutgers University

Abstract:

The speaker will share recent work on collecting and analysing data from WhatsApp, summarizing work on how WhatsApp is used by political parties in India to spread misinformation and hate speech. He will delve deep into developing solutions for content moderation on WhatsApp, which is non-trivial due to the end-to-end encrypted nature of WhatsApp. He will present two solutions: One based on an on-device setup to content moderation, before the content is encrypted, and the second based on a crowdsourced, bottom-up model for fact checking, and end with a discussion on potential future research directions in this space.

Information Operations on Wikipedia by **Abhas Tripathi**, Disinformation Manager, Wikimedia Foundation

Abstract:

Wikipedia is a free encyclopaedia, written and maintained collaboratively by largely anonymous volunteers. Practically any one can edit Wikipedia.

While this may make Wikipedia a target for easy and malicious vandalism, the Wikipedia community has developed many processes, policies, and guidelines, which editors must adhere to and follow, when making edits. These policies and processes ensure that neutral and reliable information is added with relevant sources, making Wikipedia a highly trusted source of knowledge.

Malicious actors have however devised novel and unique ways of evading and bypassing these processes, resulting in ever-evolving forms of information operations, even resorting to threat of real-world harm when stopped.

This presentation will talk about how the Wikimedia Foundation (which is the non-profit that provides the infrastructure for creating and hosting this free knowledge) and its Trust & Safety team detects and deals with various kinds of information operations, mitigating risk as well as managing the overall safety of its online and offline communities.

Special Presentation

Influence and Coordination: Detecting Interesting Activity in Social Media by **Kathleen M. Carley**

Abstract:

Messages containing words and images can influence us. The degree of influence can change based on many things, such as who is sending the message, the other messages we see at the same time, the topic being addressed, our stance on that topic, our current emotional state, and the beliefs and opinions of those we interact with. In social media, the impact of a message can be altered; thus, decreasing or increasing the influence on the audience.

This talk describes how the algorithms in social media can be used to affect the influence of a message. Of particular concern is the ability to shape both the narrative and the community. By sending messages that impact both, the sender can create situations online that will continue the spread of desired content and generate desired behaviour both through direct and indirect interaction. In other words, situations can be artificially constructed using bots and cyborgs strategically in ways that excite natural human tendencies and then people do most of the work to create pockets of polarization, to spread disinformation, and to generate hate communities. In this talk a new framework for understanding online influence, the BEND framework, is described. Then examples are shown of how narratives and communities can be altered so as to impact social behaviour.

Presentation Abstracts

Panel Two Countermeasures

Co-designing a Mobile-based Game to Improve Misinformation Resistance and Vaccine Knowledge in Uganda, Kenya, and Rwanda by **John Cook**, Research Professor, Monash University

Abstract:

Misinformation can decrease public confidence in vaccine safety and efficacy and reduce vaccination intent. One strategy for countering these negative impacts comes from inoculation theory. Similar to biological vaccination, inoculation theory finds that exposure to a weakened form of misinformation can develop cognitive immunity, reducing the likelihood of being misled. Online games offer an interactive, technology-driven, and scalable solution using an active form of inoculation that engages and incentivizes players to build resilience against misinformation. This presentation will document the development of the critical thinking game Cranky Uncle: Vaccine Edition through a series of co-design workshops in Uganda, Kenya, and Rwanda. Workshop participants offered feedback on cartoon character design, gameplay experience, and the game's content, helping to make the game more culturally relevant in East African countries. The co-design methodology offers an approach for developing locally relevant interventions to counter future infodemics.

The Weaponised Fact-Check: False Flags and False Checks by **Andrew Moshirnia**, Associate Professor, Monash University

Abstract:

Fact-checking is a vital part of healthy information ecosystems. Unsurprisingly, a key goal of disinformation producers is to co-opt, weaponise, or at least undermine fact-checking. This talk provides examples of these tactics, specifically:

- the creation of false fact-checkers to lend credence to misinformation and to undermine legitimate information,
- the creation of false flag disinformation (that is, deliberately shoddy misinformation that is created solely to be debunked by bad-faith fact-checkers) to poison information channels,
- and the promotion of false equivalence to undermine fact-checkers.

The focus of this talk is on recent actions relating to the ongoing Russian invasion of Ukraine.

Checking on Fact-Checking: What's Effective and What Can Backfire by **Edson C. Tandoc Jr.**, Associate Professor, Wee Kim Wee School of Communication and Information, NTU

Abstract:

Through a series of experiments at the Centre for Information Integrity and the Internet (IN-cube), the speaker examined various factors that may affect the effectiveness of fact-checks in reducing misbeliefs, from the delivery mode (via individual vs. group chat), to modality (text vs. visual), to length (short vs. long). This presentation compares these with analyses of current fact-checking practices in the region, based on interviews with fact-checkers and our analyses of their websites.

Presentation Abstracts

Panel Three Regulating Platforms

Regulating Social Media Platforms to Protect Human Rights in Southeast Asia: A Civil Society Perspective by **Sutawan Chanprasert**, Executive Director, DigitalReach

Abstract:

How social media platforms should be regulated, from the perspective of civil society, is that while governments look to regulate social media platforms, they should also protect human rights. The presentation will start with the problems related to social media platforms' accountability in Southeast Asia i.e., what has happened when platforms do not make their platforms free from information disorders or hate speech, how the right to privacy is at risk from unclear data handling policies, and how changes in algorithms can be harmful to democracy. All the situations then lead to the question of how laws to regulate social media platforms to be more accountable should also respect human rights.

Lessons Learned from Content Moderation in Indonesia: Towards Content Governance by **Sherly Haristya**, Independent Researcher

Abstract:

Based on the research "Content moderation and local stakeholders in Indonesia" that the presenter recently concluded in collaboration with Article 19, UNESCO, and the European Union, this talk aims to discuss the complexity, dynamics, and limitations of the existing content moderation mechanisms of the major social media platforms operating in Indonesia. With the increasing proliferation of DRUMS (Distortions, Rumours, Untruths, Misinformation & Smears), this talk will raise a proposal on the need to shift from content moderation to content governance in handling problematic content in the content moderation mechanisms of social media and in countries' online content regulations. This talk is intended to shed light and promote deliberation among the participants on how to conduct online content governance that strikes a balance between the promotion of freedom of expression and the safety of individuals and the public.

Mitigating Digital Disruption: Strategies from the Asia Pacific and a Case Study of Combatting Disinformation During Australia's 2022 Election by **Andrea Carson**, Professor of Political Communication, La Trobe University, Melbourne

Abstract:

Six years after the terms 'fake news', 'post-truth' and 'alternative facts' rose to public prominence, concerns persist about their meanings, impacts on society and responses to it. Concerns include leaks by a Meta whistle-blower who alleged that the world's most popular social media site, Facebook, was hardwired to spread online falsehoods; meanwhile numerous Commissions and reports have aired fears about disinformation's consequences for democratic health, both in the Asia Pacific and globally. Australia has responded by adopting a self-regulatory Code of Conduct into misinformation and disinformation for digital platforms in 2021 following the EU example, while some neighbouring countries such as Singapore and Indonesia have legislated anti-fake news laws. This presentation examines regional approaches to mitigate online disinformation (in particular) and some of the associated challenges that come with these approaches including impacts on journalistic and civil liberties. It draws on lessons learned from the recent Australian election case-study of distortions, rumours, untruths, and misinformation spread during the 2022 campaign and the multi-pronged approach the Australian Electoral Commission (AEC) undertook with social media and tech companies to reduce the threat to Australia's electoral integrity.

Presentation Abstracts

Panel Four

Strategic Communication and Alternative Media Channels

Experiences in Countermeasures by **COL Jason Wright**, R/GEC Senior Military Advisor, Colonel, US Army, Global Engagement Center, Department of State

Abstract:

The presentation will share experiences in implementing countermeasures with the US DOD (Department of Defense), the speaker's current role at the GEC (Global Engagement Center), and what the GEC does within the US government and its partners.

A Fake New World: Fighting Mis/disinformation with AI, Edutainment and Social Media Literacy by **Priyank Mathur**, Founder and CEO, Mythos Lab

Abstract:

Although mis/disinformation is not a new threat, rapid growth in global internet adoption and advances in internet communications technology have magnified the scale and speed at which it can damage societies around the world. In order to successfully combat the alarming rise in mis/disinformation, it is essential to understand the tactics and techniques being used to spread it, the different ways in which it can harm societies as well as the most effective approaches to tackling it. This talk will describe the main tactics and techniques being used to spread online mis/disinformation with the goal of inciting polarization, hate speech, violent extremism, and other harms. Drawing on the work of Mythos Labs and others, the presentation includes case studies of innovative projects that successfully reduced the threat of mis/disinformation using AI, edutainment, and social media literacy. Learnings from these case studies will help inspire more targeted and effective interventions by key stakeholders such as policymakers, academics, civil society organizations and technology companies.

Networks, Openness, and Innovation - the UK's Communications during Russia's Illegal Invasion of Ukraine by **Henry Collis**, Deputy Director, National Security Communications Team, UK Cabinet Office

Abstract:

Russia's illegal invasion of Ukraine has been an unparalleled challenge for how information and influence are used to shape perceptions, influence audiences, and achieve strategic aims. Addressing the topic of 'Strategic communication and alternative channels', this presentation examines how the UK's strategic communication approach to this event began years in advance and applied three principles, namely: creating and using networks; willingness to share information; and willing to take risks on new approaches and structures. The lessons identified have been instructive and inform how strategic communication professionals' approach what is likely a new phase of interstate competition.

Presentation Abstracts

Panel Five

Big Corporations and the Future of the Internet

Hard Coding Rights into The Internet: What's Needed to Architect a Resilient Information Ecosystem by **Quinn McKew**, Executive Director, Article19

Abstract:

The internet as we know it was not built to protect fundamental freedoms at a governance and infrastructure level, but what if it was? As we stand on the verge of an ever more connected world, we are faced with crucial decisions on how we will build it. Now is the time to make a conscious design and governance decision to embed principles like respect for privacy, free flow of information, and protection of the fundamental rights of users. This talk will describe what these decisions will look like, how they can be implemented, and what it will mean for the future of the internet.

How Online Misinformation Affects Brands and Young People, and Solutions for Mitigating These Threats by **Veena McCoole**, VP, Strategic Partnerships, NewsGuard

Abstract:

NewsGuard, an anti-misinformation solution powered by journalists that provides online safety for readers, brands, and democracies, will present on two topics: how companies and brands are affected by misinformation and the tools brands use to safeguard their reputation online, and how young people navigate the internet, and the mis/disinformation risks they face on social media platforms like TikTok.

Collaboration Between Civil Society and Private Sector by **Alice Budisatrijo**, APAC Head of Misinformation Policy, Meta

Abstract:

Misinformation is different from other types of speech addressed in Meta's Community Standards because there is no way to list what is prohibited. A policy that simply prohibits "misinformation" would not provide useful notice to the people who use our services and would be unenforceable, as we don't have perfect access to information. Because of this, Meta's policies articulate different categories of misinformation and the corresponding enforcements. For each category, our approach reflects our attempt to balance our values of expression, safety, dignity, authenticity and privacy. We remove misinformation that risks imminent physical harm, false content that could contribute to election interference, and certain highly deceptive manipulated media. For all other misinformation, we focus on reducing its prevalence through collaborations with third-party fact checkers. We also have programs and partnerships to increase media and digital literacy.

Presentation Abstracts

Panel Six Identity and Online Harms

Peacebuilding In the Digital Age: A Gendered and Intersectional Approach by **Norul Mohamed Rashid**, Policy Advisor on Governance and Peace & Security for Asia and the Pacific, UN Women

Abstract:

The presentation will examine the evolution of the Women, Peace and Security Agenda in the context of emerging security risks in the digital age. It will focus on developments for the past 20 years on gendered and intersectional challenges and opportunities in cybersecurity; violent extremism and misogyny; DRUMS in the context of Covid 19; and challenges in the use of artificial intelligence. Based on research and studies from the Asia-Pacific region, UN Women will present community-based peacebuilding efforts and people-centered policy solutions to mitigate and prevent these risks.

Gender and Security in Digital Space by **Gulizar Hacıyakupoglu**, Research Fellow, CENS, RSIS, NTU

Abstract:

The studies exploring online harassment and disinformation from a security lens are growing. However, only a limited number of these works invest attention to the gendered impacts of these threats, despite the urgent need to better understand the gendered insecurities they create. Besides, access inequality continues to be an intersecting, persistent problem with a security dimension. Against this backdrop, this presentation will discuss gender and security in digital space with attention to the issues around access, harassment and disinformation. It will draw on the chapters of a forthcoming edited volume to discuss the gendered impacts of access, harassment and disinformation related online threats.

Indonesia's Lesson Learned in Addressing Online Gender-Based Violence by **Fitriani**, Cyber Security Project Lead / Senior Researcher at the International Relations Department, Centre for Strategic and International Studies (CSIS) Indonesia

Abstract:

With the increased use of the internet, especially during the pandemic, there is a surge of Online Gender-Based Violence (OGBV), and similar trend is experienced in Indonesia. With the use of digital and online technology has become a daily necessity in the economic, social, and political interaction, the threat of OGBV against women has become an obstacle to the promotion and fulfillment of their human rights. However, despite the number of OGBV cases rose more than double in the last year, the number of women reporting their case to the police is only 5 percent of those sharing their cases with women's organization that provide psychological and legal services. This condition shows one of the main challenges for handling OGBV cases in Indonesia is the absence and/or inadequacy of laws and regulations to address the issue. Such lack includes the absence of regulations that provides protection for OGBV victims; the threat of criminalizing the victim with defamation law and pornography law; as well as attacks toward women human rights defenders.

Speakers

Kiran Garimella

Kiran Garimella's research deals with using large-scale data to tackle societal issues such as misinformation, political polarization, or hate speech. Prior to joining Rutgers, Dr. Garimella was the Michael Hammer postdoc at the Institute for Data, Systems and Society at MIT. Before joining MIT, he was a postdoc at EPFL, Switzerland. His work on studying and mitigating polarization on social media won the best student paper awards at top computer science conferences. Kiran received his Ph.D. in computer science at Aalto University, Finland, and Masters & Bachelors from IIIT Hyderabad, India. Prior to his Ph.D., he worked as a Research Engineer at Yahoo Research, Barcelona, and QCRI, Doha.

Sherly Haristya

Sherly Haristya is an independent researcher working on the issues of Internet governance, content moderation and personal data protection. Sherly earned her PhD in Communication Studies from the Wee Kim Wee School of Communication and Information, Nanyang Technological University, Singapore. She is a Data Protection Officer certified by the Association of Data Privacy Professionals Indonesia. In collaboration with various national (Indonesia) and international partners, her research has been bridging the global and national debates on the above issues. She also actively engages with the policy makers, press, and larger communities. During her PhD, she had the opportunity to serve on the national multi-stakeholder organising committee of the UN Internet Governance Forum in Bali, Indonesia, in 2013 and on the Secretariat of Internet Assigned Numbers Authority Stewardship Transition Coordination Group.

John Cook

John Cook is a postdoctoral research fellow with the Climate Change Communication Research Hub at Monash University. His research focus is on developing interdisciplinary solutions to misinformation about climate change, such as detecting misinformation claims using machine learning and using critical thinking to build public resilience. He developed the Cranky Uncle game, combining critical thinking, cartoons, and gamification to build players' resilience against misinformation. He currently works with organizations like Facebook, NASA, and UNICEF to develop evidence-based responses to misinformation.

Andrew Moshirnia

Andrew Moshirnia is an Associate Professor and Director of Education at Monash, Business Law & Taxation. He is a magna cum laude graduate of Harvard Law School. He clerked in Chicago for the Honorable Richard D. Cudahy of the U.S. Court of Appeals for the Seventh Circuit and taught telecommunications law at DePaul as an adjunct professor. He later clerked in Los Angeles for the Honorable Mariana R. Pfaelzer of the U.S. District Court for the Central District of California. He worked as the Empirical IP Fellow at Chicago-Kent.

Dr. Moshirnia has a Ph.D. in educational technology, with a concentration in statistics, from the University of Kansas. He worked for several years at firms in Los Angeles and Silicon Valley. He has published several articles in law reviews and education technology journals, including a co-authored behavioral economics study of whether legal argument matters in decision making. His current research focuses on the intersection of intellectual property rights, misinformation, and national security.

Speakers

Abhas Tripathi

Abhas Tripathi is the Trust & Safety Disinformation Manager at the Wikimedia Foundation. He has 11 years of experience in the technology industry, with 8 of them in Trust & Safety at global organizations like Google, TikTok and now the Wikimedia Foundation. He has worked in various roles across policy, operations and communications, with a focus on integrity (spam, fraud) and authenticity (mis, disinformation). Abhas holds a Masters in Public Policy from the Lee Kuan Yew School of Public Policy at the National University of Singapore.

Priyank Mathur

Priyank Mathur is Founder and CEO of Mythos Labs, a global company that uses technology and media to counter mis/disinformation, violent extremism and gender inequality. He has co-authored research papers and led counter-misinformation programs and trainings in over 20 countries on behalf of the United Nations, US Department of State, European Commission and others. Mr. Mathur's research investigating disinformation related to Ukraine has been featured on BBC, Le Monde, Newsweek, Huffington Post and other global outlets. He is also the host of acclaimed documentaries and podcasts, including the United Nations' "ExtremeLives," NewsLaundry's "Let's Talk About ISIS in India" and Mythos Labs' "Comedians Explain the World." Previously, Mr. Mathur served as a Policy Advisor and Intelligence Analyst at the US Department of Homeland Security (DHS), where he advised senior leadership on emerging terrorist and cyber threats. Mr. Mathur also served as Global Consulting Director at Ogilvy and Mather, where he created award-winning digital advertising campaigns for Fortune 100 firms, and as a comedy writer at The Onion. He holds an MBA from MIT Sloan School of Management, as well as an M.A. and B.A. in International Relations from Boston University.

Veena McCoolle

Veena McCoolle is Vice President Strategic Partnerships at NewsGuard, based in London. At NewsGuard, she manages UK partnerships with advertising technology companies, tech platforms, research institutions and government agencies.

Launched in March 2018 by media entrepreneur and award-winning journalist Steven Brill and former Wall Street Journal publisher Gordon Crovitz, NewsGuard provides credibility ratings and detailed "Nutrition Labels" for thousands of news and information websites. NewsGuard rates all the news and information websites that account for 95% of online engagement across the U.S., U.K., Canada, Germany, France, Italy, and Austria.

NewsGuard's ratings and Nutrition Labels can be licensed by internet service providers, browsers, news aggregators, education companies, and social media and search platforms in order to make NewsGuard's information about news websites available to their users.

Prior to joining NewsGuard, McCoolle was a senior associate at global strategic communications firm FGS Global, where she worked on capital markets, M&A, and ESG mandates. McCoolle has previous editorial experience at Forbes in New York and the Business of Fashion in London. She graduated from Yale University as a Yale Journalism Scholar.

Edson C. Tandoc Jr.

Edson C. Tandoc Jr. is an Associate Professor and the Associate Chair for Research at the Wee Kim Wee School of Communication and Information at Nanyang Technological University in Singapore, where he is the Director of the Center for Information Integrity and the Internet (IN-cube). He is also an Associate Editor of two journals: Digital Journalism and Human Communication Research and the Vice Chair of the Journalism Studies Division of the International Communication Association. He is also the author of *Analyzing Analytics: Disrupting Journalism One Click at a Time* (Routledge, 2019) and co-editor of *Critical Incidents in Journalism: Pivotal Moments Reshaping Journalism around the World* (Routledge, 2020). His research focuses on the impact of emerging technologies on news production and consumption.

Speakers

Andrea Carson

Andrea Carson is a Professor of Political Communication in the Department of Politics, Media and Philosophy at La Trobe University in Melbourne, Australia. Her scholarship focuses on political communication, election campaigns, digital media and fake news. Her most recent book examines the future of evidence-based reporting: Investigative journalism, democracy and the digital age. She has written extensively about fake news (mis and disinformation) and works with Facebook and Google to address this global problem. She holds a PhD in Political Science and a Master of Arts in International Politics from University of Melbourne. She has taught courses on journalism, political communication, women in politics, and campaigns and elections. She is a trained journalist and worked as a reporter and section editor at The Age in Melbourne from 1997-2001 and as a radio broadcaster (RRR) and radio and television producer (Australian Broadcasting Corporation, 2005-2010) She has a new book out in November 2022 about journalism ethics, Undercover Reporting, Deception, and Betrayal in Journalism with Routledge (London).

Quinn McKew

Quinn McKew is the Executive Director of ARTICLE 19, the leading international freedom of expression organisation. She brings to ARTICLE 19 a background in community building, environmental activism, and the protection of human rights in the digital age. Above all she brings a decade-long dedication to the value of freedom of expression to create and maintain a more inclusive, a fairer and a more sustainable world.

As a graduate of both Stanford (international relations and the environment) and of Georgetown University (MBA in non-profit management), McKew's experience has spanned both the public, private and third sectors. Since joining ARTICLE 19 in 2011 she has played a vital role in developing a world-leading programme of work on digital infrastructure and human rights, and become a leading voice on the protection of civic space from a rights-based perspective. She is also a board member of The Equal Rights Trust – an international organization combating discrimination.

Prior to joining ARTICLE 19, Quinn was a senior strategist with a London-based consultancy specialising in sustainability, working with major corporations to develop the means to integrate sustainability into their operations. This was part of a life-long passion for the natural world which saw her progress from research fellow with the World Wildlife Fund to lead the American Rivers Wild River Campaign as Senior Director of the organization, during which she had access to the highest levels of state and federal government. Quinn also helped to launch the Georgetown Women's Leadership Initiative while working towards her MBA.

Gulizar Hacıyakupoglu

Gulizar Hacıyakupoglu is a Research Fellow at the Centre of Excellence for National Security (CENS), S. Rajaratnam School of International Studies (RSIS), Nanyang Technological University (NTU). Her research concerns influence operations, and online harms and activism. She is the co-editor of the forthcoming volume titled Gender and Security in Digital Space: Navigating Access, Harassment, and Disinformation. She holds a PhD from the National University of Singapore (NUS), Communications and New Media Department (CNM), and an MA in Political Communication from the University of Sheffield. She received her bachelor's degree in Global and International Affairs from the Dual-Diploma Programme of the State University of New York (SUNY) Binghamton, and Bogazici University, Turkey.

Kathleen Carley

Kathleen Carley is a Professor of Computer Science in the Institute for Software Research, IEEE Fellow, and Director of the Center for Computational Analysis of Social and Organizational Systems (CASOS) and Director of the center for Informed Democracy and Social cybersecurity (IDeaS) of the Center for at Carnegie Mellon University. She joined Carnegie Mellon in 1984 as Assistant Professor Sociology and Information Systems. In 1990 she became Associate Professor of Sociology and Organizations, in 1998 Professor of Sociology, Organizations, and Information Technology, and in 2002, attained her current role as Professor of Computation, Organization, and Society. She is also the CEO of Carley Technologies Inc. aka Netanomics.

Dr. Carley's research combines cognitive science, sociology, and computer science to address complex social and organizational issues. Her most notable research contribution was the establishment of Dynamic Network Analysis (DNA) – and the associated theory and methodology for examining large high dimensional time variant networks. Her research on DNA has resulted in tools for analyzing largescale dynamic networks and various multiagent simulation systems.

She has led the development of tools for extracting sentiment, social and semantic networks, and cues from textual data (AutoMap & NetMapper), simulating epidemiological models (BioWar), and simulating changes in beliefs and practice given information campaigns (Construct).

Her ORA system is one of the premier network analysis and visualization technologies supporting reasoning about geospatial and dynamic high dimensional network data. It includes special features for handling small and big data, social media data, and network dynamics. It is used worldwide. Illustrative projects include assessment of fake news and social cybersecurity threats, IRS outreach, impact of NextGen on airline rerouting, counter terrorism modeling, counternarcotics modeling, health analytics, social media analytics of elections, and social media-based assessment of crises such as Benghazi, Darfur, the Arab Spring, COVID19.

Speakers

Norul Mohamed Rashid

Norul Mohamed Rashid has more than 26 years' professional experience in the areas of human rights, development, gender, governance and the rule of law in conflict-affected countries, as well as at UN Headquarters. She is currently the Policy Advisor for UN Women on Governance, Peace and Security for the Asia-Pacific region, based in Bangkok.

Among her UN posts, Ms Rashid worked on international law and transitional justice for the former Yugoslavia and Rwanda. As a Policy and Programme Advisor at UN Women HQ, Ms Rashid worked with the UN system on integrating the Women, Peace and Security agenda in justice and rule of law initiatives in crisis contexts. She managed the UN Assistance Mission for Iraq's human rights office in Northern Iraq and has worked in Libya and Indonesia on governance, peace and security programming.

She last served with the UN Executive Office of the Secretary-General where she supported strategic and high-level policy development and implementation of organizational vision and strategies in the context of the Sustainable Development Goals, peace and security and emerging global challenges such as climate change and new technology. Prior to joining the United Nations, Ms Rashid was a State Counsel in Singapore. She graduated with a law degree from the National University of Singapore and a LLM in International Law from the University of London, United Kingdom.

Henry Collis

Henry Collis is the Deputy Director of National Security Communication in the UK Cabinet Office, where he leads cross-government planning and delivery of communication activity to achieve the UK's national security objectives.

As part of the Cabinet Office, he previously created a strategic communication capability building team which worked internationally with the UK's allies and partners. He has also advised UK Government leadership on issues including defence reform, national security policy and anti-corruption. In 2016 he conceived, negotiated and delivered an International Sports Integrity Partnership for the Prime Minister's Anti-Corruption Summit. Between 2010 and 2013 he was in Afghanistan advising senior military leadership on countering insurgent propaganda and foreign influence activities.

COL Jason Wright

Colonel Jason Wright is a career Army Officer with 28 years of defense service in the U.S. Army, Joint and Coalition formations. Since July of 2022, he serves as the Senior Military Advisor at the Global Engagement Center with a focus on State and Defense Departments' collaboration and harmonization of U.S. and Partner activities against our collective threats' global mis and dis-information efforts. Colonel Wright graduated from the United States Military Academy at West Point, NY in 1994 with a BS in Russian and German Language. He spent his early formative years as an Armor Officer leading tank formations before transitioning through Technical Signals Communications in 1997 to Psychological and Information Operations in 2003. Colonel Wright has served at all echelons of Army and multi-service joint formations with special focus on influence communications supported heavily by intelligence and special technical activities. Colonel Wright has multiple overseas tours in Iraq, Afghanistan, Kuwait, and Qatar with both Special Operations and Coalition Joint Task Forces. In the last five years, he has served between AFRICOM and INDOPACOM theaters tracking and countering Russian and Chinese malfeasance against partners' and US interests.

Sutawan Chanprasert

Sutawan Chanprasert is a human rights and analyst. She is the Founder and Executive Director of DigitalReach, an organization that looks at how technology can have impacts on human rights regarding freedom of expression, the right to privacy, and digital security. DigitalReach is also the Secretariat of the Southeast Asian Coalition on Tech Accountability (SEACT) which looks at social media platforms' accountability on human rights and democracy in Southeast Asia. As of now, the SEACT is comprised of 14 member organizations in 8 countries across the region.

Speakers

Fitriani

Fitriani is a cyber security project lead, and senior researcher at the International Relations Department, Centre for Strategic and International Studies (CSIS) Indonesia. Broadly, her research focus includes Women, Peace and Security, peacekeeping, security sector reform and human rights, as well as cyber security. She obtained her PhD in Security and Defence Studies from Cranfield University, United Kingdom. Her publications include “Towards a Resilient Regional Cyber Security: Perspectives and Challenges in Southeast Asia” (2019) and “Rowing Between Two Digital Reefs: The Encroaching Great Power Competition” (2022). Fitri is also a member of the United Nations Office for Disarmament Affairs (UNODA) roster of experts on cyber diplomacy and Co-Chair of Women, Peace and Security (WPS) Study Group of the Council for Security Cooperation in the Asia Pacific (CSCAP).

Alice Budisatrijo

Alice Budisatrijo leads Meta’s misinformation policy work in Asia Pacific, and is based in Singapore. In her capacity, she develops Meta’s policies in addressing misinformation and provides subject matter expertise in the enforcement of the policies. She has helped launch Meta’s fact checking partnerships in South East Asia and represented the company in various misinformation and news literacy forums. Prior to Meta, she was a journalist for BBC News and covered breaking news in South East Asia. She has a master’s degree in public policy from the University of Oxford.

Chairpersons

Benjamin Ang

Benjamin Ang is Senior Fellow and Deputy Head of the Centre of Excellence for National Security (CENS) at RSIS. He leads the Cyber and Homeland Defence Programme of CENS, which explores policy issues around the cyber domain, international cyber norms, cyber threats and conflict, strategic communications and disinformation, law enforcement technology and cybercrime, smart city cyber issues, and national security issues in disruptive technology.

Prior to this, he had a multi-faceted career that included time as a litigation lawyer arguing commercial cases, IT Director and General Manager of a major Singapore law firm, corporate lawyer specialising in technology law and intellectual property issues, in house legal counsel in an international software company, Director-Asia in a regional technology consulting firm, in-house legal counsel in a transmedia company, and senior law lecturer at a local Polytechnic, specialising in data privacy, digital forensics, and computer misuse and cybersecurity.

Benjamin graduated from Law School at the National University of Singapore and has an MBA and MS-MIS (Masters of Science in Management Information Systems) from Boston University. He is qualified as an Advocate and Solicitor of the Supreme Court of Singapore, and was a Certified Novell Network Administrator back in the day. He also serves on the Executive Committee of the Internet Society Singapore Chapter.

Shashi Jayakumar

Shashi Jayakumar has been the Head of the Centre of Excellence for National Security (CENS) at the S. Rajaratnam School of International Studies (RSIS) since April 2015, and Executive Coordinator, Future Issues and Technology, since August 2017. Dr Jayakumar was educated at Oxford University where he studied History (BA 1997, DPhil, 2001). He was a member of the Singapore Administrative Service from 2002 to 2017.

During this time, he was posted to various Ministries, including the Ministries of Defence, Manpower, Information and the Arts, and Community Development, Youth and Sports. He was from August 2011 to July 2014 a Senior Visiting Research Fellow at the Lee Kuan Yew School of Public Policy. His research and publications span a range of interests, including extremism, disinformation, social resilience, and cyber, and Singapore politics. Dr Jayakumar is also Singapore’s representative to the ASEAN Intergovernmental Commission on Human Rights (AICHR) for the term 2022-2024.

Chairpersons

Muhammad Faizal Abdul Rahman

Muhammad Faizal Bin Abdul Rahman holds a Master of Science (Strategic Studies) degree from NTU and has a research background in terrorism and geopolitical cyber threats. Prior to RSIS, he served many years in the Singapore Ministry of Home Affairs and National Security Coordination Secretariat where he headed teams in the roles of intelligence analysis, international relations, and national security analysis; achieving several commendation awards for operational and analysis efficiency. He also served a stint in the Ministry of Communications and Information where he focused on the intersection of digital security and geopolitics. His current research interests include the Implications of diplomatic, informational, military, economic and cyber issues on regional security; Entwinement of technology and geopolitics in the Indo-Pacific security architecture; as well as Information/Influence operations' and Hybrid Threats' challenges on regionalism.

Teo Yi-Ling

Teo Yi-Ling is a Senior Fellow with the Centre of Excellence for National Security (CENS) at RSIS. She is part of the Cyber and Homeland Defence Programme of CENS, engaged with exploring policy, legal, and regulatory issues around the cyber domain including international cyber norms, threats and conflict, crime and law enforcement technologies, and smart city issues; strategic communications and disinformation, and national security issues in disruptive technology.

A qualified Barrister-at-Law (England & Wales) and an Advocate & Solicitor (Singapore), Yi-Ling has practice experience with international and local law firms in the areas of intellectual property, technology, media and entertainment, and commercial law. Her clients included production companies, technology and innovation companies, creative agencies, and government and regulatory agencies. In her capacity as Senior Faculty and Principal Legal Counsel for the IP Academy at the Intellectual Property Office of Singapore (IPOS), she led the team that developed and launched a postgraduate degree programme in IP management, and a specialist certificate programme in intangible asset management.

Yi-Ling holds an LL.B. (Hons) from the University of Liverpool, and an LL.M. (cum laude) from Northwestern University School of Law in Chicago. She is the author of "Media Law in Singapore", published by Sweet & Maxwell; a pioneering and definitive text examining the development of media and communication-related laws in Singapore, alongside the practical management of media issues. Her book is used as a course and reference text by most media-related diploma, degree and postgraduate programmes in Singapore tertiary institutions. She has extensive academic experience, having developed and taught courses in media law, intellectual property law, entertainment business transactions, and media ethics at a number of tertiary institutions in Singapore, and in the U.S., Dutch, and Australian university systems.

Chairpersons

Gillian Goh

Dr Gillian Goh holds a PhD and a Bachelor of Arts (Honours) from the University of Western Australia, and a Master of Studies in International Law from the University of Oxford. Dr Goh worked for 13 years at the United Nations (UN) where her responsibilities included providing substantive support to UN multilateral negotiations on issues such as the illicit trade in small arms and light weapons and information and communications technologies in the context of international security. Her research interests include Multilateralism; Cybersecurity; and Strategic Foresight. She is currently a Visiting Senior Fellow at the S. Rajaratnam School of International Studies.

Yasmine Wong

Yasmine Wong is a Senior Analyst with the Centre of Excellence for National Security (CENS) of the S. Rajaratnam School of International Studies (RSIS), Nanyang Technological University, Singapore. Yasmine holds a Master of Science in Political Sociology from the London School of Economics and Political Science. She is co-editor of the forthcoming volume titled Gender and Security in Digital Space: Navigating Access, Harassment, and Disinformation. Yasmine's current research focuses on issues pertaining to social resilience, social cohesion, and inter-group relations in online and offline spaces.

General Information

Workshop Venue

PARKROYAL Collection Marina Bay

6 Raffles Boulevard

Marina Square

Singapore 039594

Tel: (65) 6845 1000

Fax: (65) 6845 1001

<http://www.meritushotels.com/marina-mandarin-singapore>

All workshop sessions will be held at the **Garden Ballroom Foyer, Level 1**, PARKROYAL Collection Marina Bay

1. There will be signs at the hotel lobby to direct you to the workshop venue.
2. The workshop is restricted to registered participants only.

Registration

Participants are advised to **collect their name tags** and **workshop kits** at the registration table.

The registration desk will be located at the **Garden Ballroom Foyer, Level 1**.

The desk operates daily 0800 to 1700 hours.

Meals

- Lunch (for registered participants only)

Wednesday, 2 November 2022 from 1200–1330hrs

Venue: Garden Ballroom Foyer (Level 1), PARKROYAL Collection Marina Bay, Singapore

Thursday, 3 November 2022 from 1130–1300hrs

Venue: Garden Ballroom Foyer (Level 1), PARKROYAL Collection Marina Bay, Singapore

