About the GFCE

Every citizen of the world should be able to fully reap the benefits of ICT through a free, open, peaceful and secure digital world. Building cyber capacity provides the necessary foundation for countries to strengthen their cyber resilience through developing skills and capacity that address threats and vulnerabilities arising from cyberspace. It is therefore our mission to strengthen cyber capacity and expertise globally through international collaboration and cooperation.

The GFCE was established during the 2015 Global Conference on Cyber Space in the Hague to strengthen cyber capacity building and coordinate existing international efforts more effectively.

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Global Forum on Cyber Expertise (GFCE)

Description:
The GFCE is a multi-stakeholder community of more than 115 members and partners from all regions of the world, aiming to strengthen cyber capacity and expertise globally. The GFCE endeavours to be a pragmatic, action-orientated and flexible platform for international collaboration, reducing overlap and duplication of efforts in the cyber capacity building ecosystem to ensure an open, free, peaceful and secure digital world.

Stakeholder(s):

Dutch Government:
The GFCE was launched by the Dutch Government along with 41 ministers and other high-level representatives from business and international organizations.

GFCE Working Groups:
An important step towards concrete action for Cyber Capacity Building worldwide was the establishment of GFCE Working Groups that focused on one of these five identified themes. In 2018, the five Working Groups developed at a rapid pace with approximately 80% of the Community contributing to the Working Groups. As a strong foundation to efficiently facilitate exchange, collaboration and knowledge-sharing was established, the priority of the GFCE shifted to strengthening the GFCE ecosystem in 2019.

GFCE Foundation:
During the year, the GFCE further developed its clearing house function, launched the Cybil Knowledge Portal, and embarked on its transition into an independent, not-for-profit GFCE Foundation.

GFCE Members:
GFCE Members consist of countries, intergovernmental organizations (IGOs), international organizations and private companies with the commitment and resources to contribute to cyber capacity building.

African Union
Argentina
AT&T
Australia
Austria
Bangladesh
Belgium
Benin
Botswana
Canada
Chile
Cisco Systems
Commonwealth Telecommunications Organisation (CTO)
Council of Europe
Czech Republic:
DAI
Deloitte
Dominica
Dominican Republic
Economic Community of Central African States (ECCAS)
Economic Community of West African States (ECOWAS)
Estonia
European Union
Europol
Finland
FireEye
France
FS-ISAC
Gabon
Germany
Guatemala
Hewlett Packard
Huawei
Hungary
IBM
India
International Association of Prosecutors (IAP)
International Chamber of Commerce (ICC)
International Telecommunication Union (ITU)

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Stakeholders (continued)

INTERPOL
Israel
Ivory Coast
Japan
Kenya
KPMG
Latvia
Liberia
Malaysia
Mauritius
Mexico
Microsoft
Morocco
New Zealand
Nigeria
Norway
NRD Cyber Security
Organization for Security and Co-operation in Europe (OSCE)
Organization of American States (OAS)
Palo Alto Networks
Peru
Philippines
Republic of Korea
Romania
Rwanda
Senegal
Serbia
Sierra Leone
Singapore
Spain
Suriname
Sweden
Switzerland

Symantec
Tanzania
Telstra
Thailand
The Gambia
The Netherlands
Tunisia
Turkey
Ukraine
United Kingdom
United States of America
Vietnam
Vodafone
World Bank

GFCE Partners:
GFCE Partners are organizations with specific cyber expertise that have been endorsed by at least one GFCE Member. Partners include but are not limited to nongovernmental organizations (NGOs), academia, the tech community and private organizations.

AustCyber
CyberPeace Institute
Africa Cybersecurity and Digital Rights Organisation (ACDRO)
APNIC
ASPI
Chatham House
CyAN
Cybersecurity Capacity Centre for Southern Africa (C3SA)
CyberGreen
CYSIAM
DiploFoundation
EastWest Institute
ECTEG
e-Governance Academy (eGA)
Strategic Plan

Stakeholders (continued)

Forum of Incident Response and Security Teams (FIRST)
GetSafeOnline
Global Cyber Alliance (GCA)
Global Cyber Security Capacity Centre (GCSCC):
Global Partners Digital
Software Engineering Institute (SEI)
INsig2
IPANDETEC
Meridian Community
MITRE
NASSCOM
New America
Northern Ireland Co-operation Overseas (NI-CO)
NUPI
Oceania Cyber Security Centre (OCSC)
Potomac Institute for Policy Studies
The Centre for Cyber Security and International Relations Studies (CCSIRS)
Third Way
TNO
United Nations Office on Drugs and Crime (UNODC)
United Nations Institute for Disarmament Research (UNIDIR)
GFCE Foundation Board:
The GFCE Foundation Board was installed upon establishment of the GFCE Foundation in December 2019. The Foundation Board is responsible for offering strategic guidance for the GFCE community and Secretariat, establishing continuity through outreach and fundraising, and providing a visible point of communication for the Foundation.

Chris Painter:
Title: President of the GFCE Foundation Board | Biography: Christopher Painter is a globally recognized leader on cyber policy, cyber diplomacy, cybersecurity and combatting cybercrime. He has been at the vanguard of cyber issues for over 27 years, first as a federal prosecutor handling some of the most high-profile cyber cases in the U.S., then as a senior official at the U.S. Department of Justice, the FBI, the White House National Security Council and, finally, as the world’s first cyber diplomat at the U.S. Department of State. Among many other things, Christopher served as a commissioner on the Global Commission for the Stability of Cyberspace and had been involved with the Global Forum on Cyber Expertise since its launch in 2015. e.g. Chairing the GFCE Working Group on Cyber Security Policy & Strategy. He is a frequent speaker on cyber issues, frequently is interviewed and quoted in the media and has testified on numerous occasions to U.S. Congressional committees. He has received a number of awards and honors including Japan’s Order of the Rising Sun, the RSA Security Conference Public Policy Award and the Attorney General’s Award for Exceptional Service. He received his B.A. from Cornell University and J.D. from Stanford Law School.

Inge Bryan:
Title: Secretary of the GFCE Foundation Board | Biography: Inge Bryan is Partner within Cyber Risk Services and Public Policy Leader. Her career spans two decades in intelligence and law enforcement. Her last position was Deputy Director of the Netherlands Criminal Investigations Division, where she dealt with counterterrorism, drug trafficking, money laundering and high tech crime. She laid the basis for the use of internet in intelligence work in The Netherlands and pioneered in the use of big data. She has seen all sides of cyber espionage and crime first hand and has seen the threat grow and diversify. She specializes in integrating new technology in old school investigating trade craft. In her new position, she has chosen to see cyber risks as an inspiration for innovation and she strongly believes they can be a catalyst for positive change in any professional environment. Her approach to cyber security matters enables clients to strengthen their business while solving their most prominent security and continuity issues. 


Olaf Kolkman:
Title: Treasurer of the GFCE Foundation Board | Biography: As Chief Internet Technology Officer, Mr. Kolkman is in charge of the Internet Society's Strategic Technical activities, particularly as they pertain to issues and opportunities for enhancing the Internet’s evolution. Olaf has been actively involved with Internet technologies since his astronomy studies during the early nineties. Internet became his professional focus in 1996 when he joined the RIPE NCC to develop the first version of what has become a worldwide test-network. In 2007 he became the managing director of NLnet Labs. Under his responsibility NLnet Labs produced open-source products, performed research on technical issues with global impact, and contributed actively to the regional and global collaborative standard and governance bodies (e.g. ICANN, RIPE, IETF), and ‘pushed the needle’ on the development and deployment of DNSSEC. Kolkman describes himself as an Internet generalist and evangelist, somebody with deep knowledge on some of the Internet’s technical aspects who particularly enjoys bridging the tech-
nology-society-policy gaps. Olaf Kolkman has had numerous responsibilities in the Internet Engineering Task Force (IETF), the premier standards organization for the Internet. He chaired the IETF DNS Extension Working Group (dnsext) and the Web Extensible Internet Registration Data Service (wriads) working groups. He was IAB member from 2006 to 2012 and its chair between March 2007 and March 2011. He was member of the IETF Administrative Oversight Committee (IAOC) and the IETF Trust, and was Acting RFC Series Editor in 2011. He is the IETF/ISOC representative on the European Multi-Stakeholder Platform on ICT Standardization and a Trusted Community Representative in the context of the DNS Root-Signing ceremony.

Uri Rosenthal:
Title: Special Advisor to the GFCE Foundation Board | Biography: Uri Rosenthal is a Dutch politician of the People’s Party for Freedom and Democracy (VVD). He was a member of the Senate (1999-2010) – from 2005 as parliamentary leader. He served as Minister of Foreign Affairs in the Government Rutte I (2010-2012). In 2011 he was one of the initiators of the Freedom Online Coalition. From 2013 until March 2017 Rosenthal served as the Dutch Government’s Special Envoy for International Cyber Policy. In that capacity he has been responsible for the preparation of the Global Conference on Cyberspace in The Hague (April 2015) and for the dissemination of its results within the context of the London Process – with a particular focus on a free, open and secure internet as well as a secure and stable cyberspace. In the Global Commission on the Stability of Cyberspace he will continue these efforts as Special Representative for the London Process.

GFCE Co-Chairs:
The GFCE Co-Chairs have been appointed by the GFCE Community. The Netherlands was appointed Chair in 2015 and India was appointed co-Chair in 2017.

Carmen Gonsalves:
Intro: The Netherlands is currently co-chair of the GFCE and is represented by Carmen Gonsalves. Information: In August 2016 Carmen took up her job as Head International Cyber Policy in the Ministry of Foreign Affairs in The Hague. She is responsible for cyber and international peace & security, capacity building and digital rights. From 2011-2016 she worked as Deputy Head of the Political Section/Counsellor Political Affairs at the Embassy of the Kingdom of the Netherlands in London. At MFA headquarters in The Hague she served as Policy Officer in the Security Policy Department and as Senior Policy Officer and subsequently Team Leader Justice and Home Affairs in the Department for European Integration. During her diplomatic career, postings included Madrid (Second Secretary Political Affairs), Sofia (Counsellor & Deputy Head of Mission) and Lisbon (Counsellor & Deputy Head of Mission). Carmen studied Modern History, Spanish and International Relations at the University of Leiden. She joined the Foreign Service in 1989. She is married to Rodrigo Tapia and has two sons, Sebastian and David.

Ajay Prakash Sawhney:
Intro: India is currently co-chair of the GFCE and is represented by Mr. Ajay Prakash Sawhney. Information: Ajay Prakash Sawhney is currently serving as Secretary, Ministry of Electronics and Information Technology (Meity). Sawhney is a Mechanical Engineer and an IAS Officer of Andhra Pradesh cadre (1984 batch). He has handled various assignments in the State of Andhra Pradesh, covering land administration, law and order and quasi-judicial functions, rural development, health & family welfare, communication & information technology, e-governance and elections etc. He played a lead role in the Total Literacy Campaign taken up in Nizamabad district in the early nineties. He has also catalysed the establishment of the International Institute of Information Technology in Hyderabad and its emergence as one of the premier institutions in computer science education and research in the country. He has spent more than ten years in assignments relating to information technology and e-governance and has led the formulation of innovative policies and implementation of several major e-governance, communications and broadband projects. He has also worked as the Principal Secretary to Chief Minister of AP after the reorganization of the State of Andhra Pradesh. Follow Mr. Ajay Prakash Sawhney on Twitter: @Secretary-MEITY

GFCE Advisory Board:
To further promote active involvement of civil society, academia, the technical community in cyberspace and the economy, the first GFCE Advisory Board was established in 2016. The main role of the GFCE Advisory Board is to provide advice on the overall strategic direction of the GFCE and provide substantive input and recommendations to the GFCE Working Groups. The Members of the Advisory Board 2020 – 2022 are:

Folake Olagunju:
GFCE Title: GFCE Advisory Board co-Chair | Job Title: Program Officer of Internet and Cybersecurity, ECOWAS | Description: Folake Olagunju is the Program Officer Internet and Cybersecurity at the Economic Community of West African States (ECOWAS) Commission. She is currently working on implementing the cybersecurity agenda to facilitate initiatives that will assist the ECOWAS region protect their cyberspace, critical information infrastructure and build confidence in the use of ICTs. Prior to her current role, she worked on various IT related activities including policy and infrastructure initiatives in West Africa. Folake was also recently appointed co-Chair of the GFCE Advisory Board.

Joanna Kulesza:
GFCE Title: GFCE Advisory Board member 2020/2022 | Job Title: Assistant professor of international law and internet governance at the University of Lodz, Poland | Description: Joanna Kulesza, PhD is an assistant professor of international law and internet governance at the University of Lodz, Poland. She is also a Scientific Committee member of EU Fundamental Rights Agency (FRA) and represents European internet users within the At-Large Advisory Committee (ALAC) of the Internet Corporation for Assigned Names and Numbers (ICANN). She has served as an expert on human rights online for the Council of Europe and European Commission. Kulesza is a member of the Sino-European working group on application of international law to cyberspace managed by the Geneva Centre for Security Policy and European Commission. She also participated in the Sino-European Cybersecurity Dialogue (SECD). She is also a Scientific Committee member of the International Commission on Cyberspace. 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Stakeholders (continued)

rights and cybersecurity, including a fundamental rights review pilot project for the European Parliament, where she is responsible for the fundamental rights review of European agencies policies, including Europol and Eurojust. From 2010 until 2018 served as Membership Committee Chair for the Global Internet Governance Academic Network (GigaNet). Her monograph on “Due Diligence in International Law” (BRILL 2016) follows five other book publications and numerous peer-reviewed papers on international law and Internet governance. She has been a visiting professor with the Oxford Internet Institute, Oslo University, Justus-Liebig-Universität Gießen, and Westfälische Wilhelms Universität Münster. Kulesza was also a visiting researcher with the University of Cambridge and Ludwig-Maximilians-Universität München as well as a scholar of the Robert Bosch Stiftung, Polish Ministry of Foreign Affairs and the Foundation for Polish Science. She often engages with NGOs working on cybersecurity and human rights.

Enrico Calandro:
GFCE Title: GFCE Advisory Board member | Job Title: Co-Director of the Cybersecurity Capacity Centre for Southern Africa at the University of Cape Town | Description: Mr Enrico Calandro. Over the last ten years, my professional career has been research-driven. I have conducted Internet policy and regulation research across the African continent to facilitate evidence-based and informed policy making for improved access, use and application of ICTs in Africa and beyond. Besides research, I conduct capacity building with policy makers and representatives from civil society organisations to improve their skills and knowledge of digital policy for the growth and development of the African continent. Currently, I am the Co-Director of the Cybersecurity Capacity Centre for Southern Africa at the University of Cape Town, a research and training programme on cyber capacity. In June 2018, I was appointed as a Member of the Advisory Board of the Global Forum on Cyber Expertise, and since December 2019, I am a member of the Expert Advisory Panel of the Global Cybersecurity Capacity Centre at Oxford. I hold a Ph.D. in Business Administration specialising in telecommunications policy, from the Graduate School of Business, University of Cape Town. I am a recipient of the Open Technology Fund fellowship on Information controls, the Amy Mahan scholarship award for the advancement of ICT policy in Africa, and the UNDESA fellowship for international cooperation.

Daniela Schmidig:
GFCE Title: GFCE Advisory Board member | Job Title: Senior Program Lead, Global Partners Digital | Description: Daniela is the Programme Lead for Global Partners Digital’s (GPD) cybersecurity capacity building programme, which aims to facilitate effective participation of civil society in cyber policy debates at the national, regional and global levels, and to make cyber policy development processes more open, inclusive and transparent. As Programme Lead she oversees the running of the programme – including development of engagement strategies with partners in Asia, Africa and Latin America, assisting in the development and delivery of capacity building initiatives, developing and delivering training workshops, conducting research, relationship building with a range of relevant stakeholders and providing overall support to implement project activities. In addition, she leads the programme’s work on engagement in cybersecurity policy processes in Latin America. She is a member of the Advisory Board of the Global Forum on Cyber Expertise. Before joining GPD, Daniela was a researcher and project manager at CELE, a leading academic centre on digital rights in Argentina and Latin America. There she conducted research and coordinated capacity building projects related to internet policy and human rights, such as freedom of expression and privacy. She has also conducted various research activities on women’s reproductive rights at PIAF, a feminist research and law programme. Daniela holds a law degree from Torcuato di Tella University in Buenos Aires, where she was senior editor for the University’s law journal and studied as an exchange student in the University of Paris X. She was an advisor in Argentina’s Biennal Commission for the Reform, Update and Unification of the Civil and Commercial Codes of the Nation for the National Congress and an intern at Human Rights Watch. She is fluent in Spanish and English.

J. Satyanarayana:
GFCE Title: GFCE Advisory Board member | Job Title: Chief Advisor, Centre for 4th Industrial Revolution (India Centre) World Economic Forum | Description: Mr J Satyanarayana, (JS) has been Advisor to the Prime Minister’s Office for over 40 years, having held distinguished positions at the national and provincial levels, including Secretary, Department of Electronics & IT, Government of India and Chairman, Unique Identification Authority of India. He made significant contribution to policy as well as the practice of deploying technologies innovatively in the public sector. The policies he piloted include the National Electronics Policy (2012), National Cyber Security Policy (2013) and the Andhra Pradesh Cyber Security Policy (2017). Among the 20+ transformational projects he led over the last 2 decades are the popular projects such as eSeva, MCA21, BangaloreOne and Passport Seva. As the founder-CEO of National Institute for Smart Governance, he led several Capacity Building Programs across India. He chaired the Committees that prepared the India Enterprise Architecture (2017), Digital Service Standard (2019), and the National Digital Health Blueprint (2019). He has been Advisor to the Prime Minister Jan Aarogya Yojana (PM JAY), the largest health insurance scheme in the world, since its inception in 2018. JS holds a master’s degree in physics and an MBA. He has published two books on e-Governance and Digital Transformation.

Louise Marie Hurel:
GFCE Title: GFCE Advisory Board member 2020/2022 | Job Title: PhD Researcher in Data, Networks and Society at the London School of Economics and Political Science (LSE) | Description: Louise Marie Hurel is a PhD Researcher in Data, Networks and Society at the London School of Economics and Political Science (LSE) Department of Media and Communication. Her research focuses on researching security expertise, cybersecurity governance, and incident response. For more than five years, Hurel has continuously worked in the intersection between Internet governance and cybersecurity communities of practitioners. She has actively engaged in national, regional and international negotiations (track 1.5 and 2) and fora in both fields. Hurel leads research and policy engagement at Igarapé Institute’s Cybersecurity and Digital Liberties Program, which is a Research and Innovation Network for Europe’s Academic and Research Networks (GigaNet). Her monograph on “Due Diligence in International Law” (BRILL 2016) follows five other book publications and numerous peer-reviewed papers on international law and Internet governance. She has been a visiting professor with the Oxford Internet Institute, Oslo University, Justus-Liebig-Universität Gießen, and Westfälische Wilhelms Universität Münster. Kulesza was also a visiting researcher with the University of Cambridge and Ludwig-Maximilians-Universität München as well as a scholar of the Robert Bosch Stiftung, Polish Ministry of Foreign Affairs and the Foundation for Polish Science. She often engages with NGOs working on cybersecurity and human rights.

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includes, but is not restricted to projects related to the implementation of monitoring technologies for public security, IoT, and national cyber capacity building in Brazil. She also serves at the Advisory Group of Carnegie Endowment’s Partnership for Countering Influence Operations (PCIO). More generally, Louise Marie Hurel’s work focuses on exploring interdisciplinary approaches to contemporary challenges in networked communications, and the role of non-state actors in cybersecurity, regional and national Internet governance, and infrastructure security. Hurel concluded her MSc in Media and Communications (Data and Society) from the LSE (distinction), where she studied the security of IoT Platforms – that is, relationship between big tech companies and technical architectures shaping security. Prior to that, she concluded her BA in International Relations from the Pontifical Catholic University of Rio de Janeiro (distinction), having been awarded for her dissertation “Cybersecurity and Internet Governance: Two Competing Fields”. Her previous experience includes consultancy for technical bodies, a UNESCO project on “What if we all governed the Internet”, and research in Internet governance, privacy, and security at the Center for Technology and Society at Getúlio Vargas Foundation (CTS-FGV). She has also been actively involved in Internet governance spaces, also serving as representative for Europe in the Executive Committee of the Non Commercial Users’ Constituency at ICANN.

**Stephane Duguin:**
GFCE Title: GFCE Advisory Board 2020/2022 | Job Title: Chief Executive Officer at the CyberPeace Institute | Description: Cyber security expert with 20 years of strategic and operational leadership experience. Creator of operational partnerships with the Internet industry, the cyber security sector, the financial sector, academia and cyber centric NGOs. Advisor to senior policy makers and political representatives at international level in the field of cybersecurity and cyber terrorism. Champion of innovation with a proven track record of programme management for digital transformation, I led the delivery of three of the EU flagships on cyber security: The European CyberCrime Centre (EC3), the EU Internet Referral Unit (EU IRU) and the Europol Innovation Lab. My experience also includes numerous keynote speeches and leading cyber threats, Counter terrorism, risk management, business continuity and crisis management, both at operational and diplomatic level. Creativity is critical to any future looking manager: I write and perform theatre plays for a (non) living.

**Cherie Lagakali:**
GFCE Title: GFCE Advisory Board member 2020/2022 and GFCE Pacific Liaison | Job Title: Secretary for PICISOC (Pacific Island Chapter of the Internet Society) | Description: Cherie Lagakali is an ICT Consultant currently maintaining and updating a booking system for a Travel Company in Fiji while collecting information on technical training needs in few economies in the Pacific. She has a Bachelor of Information Technology with combined 13 years experience in Application Development, Systems Analysis and Business process modelling and redesign. Cherie is Secretary for PICISOC (Pacific Island Chapter of the Internet Society) board and is an Internet Government enthusiast. She is a member of the APPrGF – Asia Pacific Internet Governance Forum Multi-stakeholder Group, a second time ICANN fellow and an Atlas III ambassador for ICANN at-large. As a mother of 2, Cherie is passionate about online privacy and child safety online. Would love to see more

Women in ICT and leadership roles and is always keen to bring people together to generate the relevant discussions for a better, safer, accessible, affordable internet in the Pacific. Cherie is also appointed as the GFCE Pacific Liaison leading the scoping, analysis and design of a future GFCE Pacific Hub. For those rare occasions when not online, organising workshops or spending time with her kids, Cherie loves reading.

**Richard Harris:**
GFCE Title: GFCE Advisory Board member 2020/2022 | Description: Mr. Harris has spent over three decades in the security field working at the tactical, operational, strategic, and national policy levels. For the last 16 years, Mr. Harris has been focused on building U.S. and international cybersecurity capacity and developing foundational national cyber policies. After 26 years in the US Marine Corps, retiring as a Colonel, Mr. Harris joined the Department of Homeland Security (DHS) where he led efforts to develop and implement cyber risk prevention and mitigation, cybersecurity protection, incident response, information sharing, awareness and public/private partnership policies and programs. His early DHS work included increasing and improving the capabilities of the U.S. Computer Emergency Readiness Team (US-CERT) where he created a planning staff to coordinate and support the development of inter-governmental coordination of cybersecurity policies, plans and operations. Additionally, Mr. Harris was the lead in developing and implementing a successful public/private partnership program, and instrumental in developing and implementing the seminal Comprehensive National Cyber Initiative (CNCI) as well as numerous Presidential Directives on cybersecurity information sharing, operations and inter-agency coordination including developing situational awareness and incident response procedures between US-CERT and six major U.S. cyber centers in the Department of Defense, Federal Bureau of Investigation, and the Intelligence Community, as well as the private sector. Mr. Harris also served as the chief of planning and coordination for the National Cybersecurity and Communications Integration Center (NCCIC) where he worked with private sector, U.S. government agencies, and White House staff to improve whole-of-government approaches to cybersecurity. While serving as the Deputy Director, US-CERT, the NCCIC and as a senior advisor to the Assistant Secretary of Cybersecurity and Communications, Mr. Harris provided consultations to over 30 nations in multi-lateral and bi-lateral forums on building computer emergency response support capabilities and national cyber strategies including nations in the Asia Pacific, European, Middle Eastern, African and South American regions. Since joining MITRE in 2017, Mr. Harris has worked on cyber information sharing and capacity building efforts for the U.S. Department of State in Africa, Asia and Europe, and programs dealing with cybersecurity information sharing and the Internet of Things. Mr. Harris is a graduate of Cornell College, Mount Vernon, IA where he earned a B.A. degree in History and Political Science. He possesses an M.A. degree in International Affairs from American University, and an M.A. in National Security and Strategic Studies from the Naval War College. Mr. Harris has served as an Adjunct Professor at Georgetown University teaching a masters level class on homeland security. Mr. Harris has received numerous recognitions for his military accomplishments and his work at DHS and

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Strategic Plan

Stakeholders (continued)

MITRE promoting the development of cybersecurity capacities and capabilities globally.

Marilia Maciel:
GFCE Title: GFCE Advisory Board member 2020/2022 | Job Title: Digital Policy Senior Researcher at DiploFoundation | Description: Ms Marilia Maciel is a Digital Policy Senior Researcher at DiploFoundation. Previously, she was a researcher and coordinator of the Center for Technology and Society of the Getulio Vargas Foundation (CTS/FGV) in Rio de Janeiro. She has 12 years of experience in the area of digital policy, conducting research, writing policy briefs, legal opinions and academic papers, developing and delivering capacity development. From 2017 to 2019, she served as Deputy-chair of the Research Advisory Group on Internet Governance in the Global Commission on the Stability of Cyberspace (GCSC). From 2011 to 2012, Ms. Maciel was a member of the Working Group on improvements to the Internet Governance Forum, created under the auspices of the Commission on Science and Technology for Development (UN CSTD). She was also a member of the Multistakeholder Executive Committee of NETmundial, the Global multi-stakeholder Conference and the Future of Internet Governance, that was held in Sao Paulo in 2014. She served in the Consultative Chamber on Internet Security and Rights of the Brazilian Internet Steering Committee (CGI.br). Ms. Maciel was a member of the Working Group on Digital Development and Openness of the Freedom Online Coalition. She served as a councillor at ICANN’s Generic Names Supporting Organization (GNSO) representing the Non-commercial Stakeholder Group (NCSG). She has also worked as a consultant to International Organisations, such as the Council of Europe, in projects related to Internet governance. She is a PhD candidate at the University of Bordeaux Montaigne, on Information and Communication Sciences. Her research is focused on the securitization of cyberspace. She holds a Master’s degree in Latin American Integration from the Federal University of Santa Maria (2008) and a law degree from the Federal University of Pernambuco (2005), where she was awarded with a research grant from the State of Pernambuco Research Foundation (FACEPE) to investigate issues related to taxation and electronic commerce.

Bart Hogeveen:
GFCE Title: GFCE Advisory Board member 2020/2022 | Job Title: Head of Cyber Capacity Building at ASPI’s International Cyber Policy Centre (ICPC) | Description: Bart Hogeveen is Head of Cyber Capacity Building at ASPI’s International Cyber Policy Centre (ICPC) and focuses on international peace and security, international aid and national security aspects of cyber affairs. ICPC’s cyber capacity building program constitutes a comprehensive portfolio of initiatives that look at supporting States in the development of national cybersecurity policies, strengthening ICT capabilities in developing nations and enhancing regional mechanisms for stability in cyberspace. The program also manages a comprehensive set of scenario exercises, validation tests and evaluation tools in support of cyber crisis management structures of local, state and federal governments as well as regional (security) organisations. Bart is part of a network of regional thinktanks and university experts across Southeast Asia and the Pacific. Together with ASEAN-based thinktank partners, he authored the Sydney Recommendations on Practical Futures on Cyber Confidence Building in the ASEAN region as part of the Special ASEAN-Australia Summit. With support from the UK Foreign and Commonwealth Office and the Australian Department of Foreign Affairs and Trade, Bart currently directs a multiyear effort supporting the implementation of the 11 agreed international cyber norms and cyber-confidence-building measures in the ASEAN region. Bart’s also an active member of the Global Forum on Cyber Expertise (GFCE), the global platform for cyber capacity building. Before joining ASPI, Bart headed up the international security and cyber policy training program at the Netherlands’ Institute of International Relations ‘Clingendael’. Before that, Bart worked with the Dutch Ministries of Foreign Affairs, and Defence and was deployed as a civilian expert to the NATO and EU missions in Afghanistan.

Ephraim Percy Kenyanito:
GFCE Title: GFCE Advisory Board member 2020/2022 | Job Title: Senior Program Officer at ARTICLE 19 and Postgraduate in Technology, Media and Telecommunications Law at Queen Mary University of London | Description: Ephraim is a trained lawyer and public policy analyst with over eight years in the International Trade, Technology, Media and Telecommunications Law industry. Between 2014 and 2018 he served as the youngest advisor on Internet Governance to two UN Secretaries Ban Ki-moon and António Manuel de Oliveira Guterres. Additionally, since 2013 he has served as an Independent Expert to two ICANN Implementation Advisory Groups. Since 2012, Ephraim has also executed international development projects with a diverse range of leading international institutions across 46 African Union member countries. Presently, Ephraim does research on the nexus of the Domain Name System and Business and Human Rights (BHR) with international organisation, ARTICLE 19. He is also a member of the GFCE Advisory Board, Digital Peace Now, European Commission GIPO advisory group among other board positions. He is also a full member of the International Association of Privacy Professionals (IAPP) and Pan African Lawyers Union (PALU). Ephraim is currently pursuing Postgraduate qualifications in Technology, Media and Telecommunications Law at Queen Mary University of London and holds an LLB (with Honours) where his thesis examined the Relationship Between Domain Names and Geographical Indications with a special focus on wine and .vin applications.

GFCE Working Group Chairs & Task Force Leads:
The work of each GFCE Working Group is coordinated and led by a Working Group Chair. A Working Group Chair can be elected from within or outside of the GFCE Community, should be neutral with no political or commercial affiliations, and are elected in their personal capacity. Some Working Groups have opted to divide their work into smaller, more focused Task Forces. In this case, the Task Force may have one or multiple leaders that guide and coordinate the work of the Task Force, under direction of the Working Group Chair. The Task Force leader(s) are nominated from within the Working Groups. For more information on the GFCE Working Groups please kindly refer to the GFCE Working Groups Terms of Reference.

Ian Wallace:
GFCE Title: Chair of GFCE Working Group on Cyber Security Policy & Strategy | Job Title: Senior Fellow, Digital Innovation & Democracy Initiative at German Marshall Fund of the United States | Description: Ian Wallace is a senior fellow in
Digital Innovation and Democracy Initiative, where he focuses on technology policy. He is currently also the chair of the Strategy & Policy Working Group of the Global Forum on Cyber Expertise (GFCE), and was previously a member of the GFCE Advisory Board. Prior to joining the German Marshall Fund, Ian spent five years directing the Cybersecurity Initiative at New America where his work covered international cyber capacity building, military cyber, data governance, cyber workforce, state & local cybersecurity, and tech competition with China. In 2017 he helped establish the DigiChina blog (now a partnership with the Stanford Cyber Policy Center) which translates, analyzes, and opensources digital economy material from China. Before New America, Ian spent two years as a visiting fellow at the Brookings Institution and had previously spent a year (2008-09) as a fellow at the Weatherhead Center for International Affairs at Harvard University. Earlier in his career, Ian worked in the British Ministry of Defence official. From 2009-13 he was the defence policy and nuclear counselror at the British Embassy in Washington DC. Prior to that he held a range of policy and strategic planning jobs including: assistant private secretary to the U.K. Defence Secretary (2000-2001), assistant director of the Director of Policy, Resources & Plans (2002-05), and deputy director of the Director of Capability, Resource & Scrutiny (2005-07). He also has considerable operational experience: from 2002-03 he was Head of Policy at the Permanent Joint Headquarters (the United Kingdom’s COCOM equivalent) and he completed three operational tours as a political/policy advisor in Kosovo (2001-02) and twice in Iraq (Basra in 2005; Baghdad in 2007-08). Ian has a master of arts degree in ancient & modern history from Oxford University. Ian became a dual U.S. citizen in July 2016.

Abdul-Hakeem Ajjola:
GFCE Title: Chair of GFCE Working Group on Cyber Incident Management & Critical Infrastructure Protection | Job Title: Chair of the African Union Cyber Security Expert Group (AUCSEG) | Description: Abdul-Hakeem Ajjola is the Chair, African Union Cyber Security Expert Group (AUCSEG); Listed on the United Nations Office for Disarmament Affairs (UNODA) Roster of Experts supporting the development of an online training course in “Cyber-diplomacy,” Commissioner, Global Commission on the Stability of Cyberspace; Member, Presidential Committee on the Development of the 2020-2025 National Broadband Plan; and member Group of Experts for the Nigerian Senate Committee on Cybersecurity and ICT. He is a founding member Organization of Islamic Co-operation – Computer Emergency Response Team (OIC-CERT). He is Executive Chairman, Consultancy Support Services Ltd., a Cyber Security & Information Communication Technology (ICT) Consultancy Firm in Abuja. He was a former Senior Special Assistant Innovation & Technology to the National Cyber Security and Coordinating Committee (NCSC) of Nigeria.

Joyce Hakmeh:
GFCE Title: Chair of GFCE Working Group on Cybercrime | Job Title: Research fellow and co-chair of the Journal of Cyber Policy, Chatham House | Description: Joyce is a research fellow at Chatham House providing regular analysis on cyber policy issues. She is also the co-editor of the Journal of Cyber Policy. Her recent work includes leading a project on implementing the Commonwealth cybersecurity agenda, developing cyber simulation exercises for law enforcement, private sector and technology organizations, delivering trainings on cyber issues for government officials and looking at cybercrime legal frameworks at the national and international levels. Previously, Joyce worked for the United Nations as well as for non-profit organizations. She has a long experience working in the Middle East and North Africa (MENA) region. Her areas of expertise include cybercrime, cybersecurity, rule of law, international criminal justice, and human rights. Joyce received her MA in International Law from SOAS, the University of London.

Tereza Horejsova:
GFCE Title: Chair of GFCE Working Group on Cyber Security Culture & Skills | Job Title: Director of Project Development and Partnerships in DiploFoundation | Description: Originally from the Czech Republic, Tereza Horejsova is currently based in Geneva in the position of Director of Project Development and Partnerships. Tereza has had an international career in academia and the non-governmental sector in the Czech Republic, the United Arab Emirates, Switzerland and the United States, where she established a US branch of Diplo and remains in the position of its Executive Director. Tereza works on several capacity development activities in the maturity and policy digital and is an advocate of bringing practical considerations of capacity building into the discussion. She holds a PhD in European Studies, and an MA in International Studies from the Charles University in Prague. Besides her mother tongue, Tereza is fluent in English, with a working knowledge of French, German, Swedish, and Danish.

Lea Kaspar:
GFCE Title: Task Force co-lead Strategies & Assessments | Job Title: Executive Director, Global Partners Digital | Description: Lea is the Executive Director of GPD, a UK-based organization working to develop a digital environment underpinned by human rights. As Executive Director, she oversees the development and implementation of GPD’s vision, ensuring the relevance of its policy agenda and strategy in the evolving geopolitical landscape. At GPD, Lea leads the organization’s pioneering work on facilitating multistakeholder dialogue in Internet-related public policy discussions and oversees the implementation of GPD’s cyber capacity building program, which aims to make cybersecurity policymaking processes around the world more open and inclusive. Lea represents GPD on a number of boards and initiatives, including the Global Forum on Cyber Expertise, the UK Multistakeholder Group on Internet Governance, and works closely with governments in the Freedom Online Coalition, for which GPD performs a secretariat function.

Carolin Weisser:
GFCE Title: Task Force Strategy & Assessments co-Lead and Cybil Steering Committee Interim Chair | Job Title: Lead International Operations, Global Cyber Security Capacity Centre (GCSCC) | Description: Carolin is the Lead International Operations at the Global Cyber Security Capacity Centre (GCSCC), based at the University of Oxford. In this role, she is responsible for stakeholder engagement, the relationships with the GCECC regional partners and the deployment of the centre’s Cybersecurity Capacity Maturity Model for Nations (CMM). She has lead and co-authored a number of CMM reviews in Africa, Asia and Europe and contributed to best practice guides and research outputs in the field of...
cybersecurity capacity-building. Carolin has also guided the development and implementation of CBMs, the Cyber Capacity Knowledge Portal, in cooperation with other knowledge partners of the GFCE. Previously, Carolin was an account manager in the German advertising industry, working for BMW and other clients from the automotive and financial sectors, and worked as a communications consultant in the Ghana Credit Union Association and for the German development agency GIZ. Carolin holds an MSc in Media, Communication and Development from the London School of Economics and Political Science, and a BA in German Literature and Cultural Management from the Karlsruhe Institute of Technology.

Kaja Ciglic:
GFCE Title: Task Force co-lead CBMs, norms & Cyberdiplomacy | Job Title: Director, Digital Diplomacy, Microsoft | Description: As part of the Digital Diplomacy team at Microsoft, Kaja leads Microsoft’s work on issues related to international peace and stability to advance trust in the computing ecosystem. Previously, she led Microsoft’s international cybersecurity policy work in an effort to develop policies that support development, growth, and innovation, and advance security, privacy, and trust in the information age. Before joining Microsoft, Kaja led the APCO Worldwide’s technology practice in Seattle; directing public affairs and communication work for consultancy’s clients in this space. Previous to that she worked as a director in APCO Worldwide’s Brussels office, focusing on pan-European campaigns, addressing her clients’ regulatory and antitrust challenges. She holds a Bachelor of Science in international relations and history, and a Master of Science in European politics, both from the London School of Economics.

Szilvia Tóth:
GFCE Title: Task Force co-lead CBMs, norms & Cyberdiplomacy | Job Title: Cyber Security Officer, Organisation for Security and Cooperation in Europe | Description: Szilvia Tóth currently works as the Cyber Security Officer at the Secretariat of the Organization for Security and Co-operation in Europe (OSCE), the largest regional security organisation. In her scope of work she is responsible for supporting participating States of the OSCE in cyber related matters as well as the Chair of the Organisation’s Informal Working Group deliberating on cyber issues, including assistance in developing and implementing cyber Confidence Building Measures. Previously Ms. Tóth was a diplomat at the Ministry of Foreign Affairs and Trade of Hungary for 10 years. As a Coordinator for Cyber Issues she was responsible for international outreach activities on cyberspace issues both in bilateral and multilateral relations. Before that she was responsible for coordination of European Union affairs in the field of telecommunications and information society at the Ministry of Foreign Affairs, and was also a member of the first Hungarian European Union Presidency team in 2011. Before joining the Ministry of Foreign Affairs, she worked at the mobile phone operator Vodafone Hungary and fixed-line telecom service provider United Telecom Investment. She appeared at a number of national and international conferences and workshops as speaker or moderator in the subject matter of international cooperation in the field of cyberspace. She holds a Bachelor’s degree in International communications and a Master’s degree in European Union affairs. She is an alumna of the George C. Marshall European Center for Security Studies, having completed the Program on Cyber Security Studies in 2014 (PCSS 15-1) and was an adjunct faculty member and co-seminar leader at the same course in 2018.

Maarten van Horenbeeck:
GFCE Title: Task Force lead Cyber Incident Management | Job Title: Chief Information Security Officer for Zendesk | Description: Maarten Van Horenbeeck is Board Member and former Chairman of the Forum of Incident Response and Security Teams (FIRST). He also works as Chief Information Security Officer for Zendesk. Prior to this, he managed the Threat Intelligence team at Amazon and worked on the Security teams at Google and Microsoft. Maarten holds a master’s degree in information security from Edith Cowan University and a master’s degree in international relations from the Freie Universität Berlin. When not working, he enjoys backpacking, sailing, and collecting first-edition travel literature.

Marc Henauer:
GFCE Title: Task Force lead Critical Information Protection | Job Title: Head of MELANI Operation and Information Centre, Switzerland | Description: Marc Henauer is the Head of the MELANI Operation and Information Centre. This unit is part of the Federal Intelligence Service within the Swiss Ministry of Defense, Civil Protection and Sports. The MELANI OIC Unit is responsible for the analytical and operational parts of the Swiss Analysis and Reporting Unit for Information Assurance (MELANI). MELANI is mandated with supporting the Swiss Critical Infrastructures within their Information Assurance Process. Mr. Henauer was the strategic analyst for economic and cyber criminality within the Service of Analysis and Prevention, before heading MELAN and part of the Cybercrime Coordination Unit (CYCO). He studied at the University of Zurich economic science and Media and Communication Management at the University of St. Gallen. Mister Henauer got his Master of Arts in Security Studies from the Georgetown University in Washington DC.

GFCE Research Committee:
The GFCE Research Committee was established in 2020 to support the development and delivery of the annual Global Cyber Capacity Building Research Agenda. One of its main tasks will be to provide Working Groups with expert assistance to translate ideas into research questions with time/cost estimates and delivery requirements. For more information, please refer to the Research Committee Terms of Reference or email researchcommittee@thegfce.org.

Enrico Calandro:
GFCE Title: Chair of the GFCE Research Committee | Job Title: Co-Director of the Cybersecurity Capacity Centre for Southern Africa at the University of Cape Town | Description: Dr Enrico Calandro is the Co-Director of the Cybersecurity Capacity Centre for Southern Africa at the University of Cape Town and a Senior Research Associate at Research ICT Africa. Over the last ten years, he has been exploring the relationship between digitalisation and development with a focus on digital inequalities. His targeted and locally-relevant research has aimed at shaping cyber policy processes and debates and at crafting evidence-based and informed capacity-building initiatives in the field of cyber policy. He has worked as an advisor for the e-Parliament programme of the SADC Parliamentary Forum and more recently as an expert consultant on cross border...
data flow for the UNDP Global Centre for Technology, Innovation, and Sustainable Development. In June 2018, Enrico was appointed as a Member of the Advisory Board of the Global Forum on Cyber Expertise, and in June 2020, he was appointed as the Chairperson of the GFCE Research Committee. Since January 2020, he is a Member of the Technical Advisory Board of the constellation of Cyber Centres led by the Global Cybersecurity Capacity Centre at the University of Oxford. Enrico is a recipient of the Open Technology Fund fellowship on Information controls, the Amy Mahan scholarship award for the advancement of ICT policy in Africa, and the UNDESA fellowship for international cooperation. He holds a Ph.D. in Business Administration, Programme on managing infrastructure reform and regulation, from the Graduate School of Business, University of Cape Town.

Carolina Aguerre:
GFCE Title: GFCE Research Committee Member | Job Title: Senior Research Fellow (in Residence) Center for Global Cooperation Research, University of Duisburg-Essen, Germany (Sept. 2020-Aug 2021). | Description: Carolina Aguerre is co-director of the Centre for Technology and Society (CETS), professor and researcher at the University of San Andrés in Buenos Aires, Argentina. She holds a Ph.D. in Social Sciences from the University of Buenos Aires and an MA from Goldsmiths College, U. of London. She is the founder and academic director of DiGi – Diploma on Internet Governance – an intensive academic and policy-oriented program in the LAC region since 2017. Previously she was the director of the Latin America and the Caribbean Association ccTLD association, LACTLD, and was a member of the Multi-Shareholder Advisory Group of the Internet Governance Forum (2012-2014). Her research has been published in international journals and publications on topics related with Internet governance, data governance and the digital society. She is a member of the Global Internet Governance Academic Network (GIGANET) and was part of its steering committee from 2016-2019. She is currently part of the Global Partnership on AI (GPAI), a member of the UNESCO AI Ethics Recommendations Ad Hoc Expert Working Group, advisor of the Fair LAC initiative of the Inter-American Development Bank and is part of the International Advisory Board of the Digital Trade and Data Governance Hub of The Elliot School of International Affairs, GWU

Kléé Aiken:
GFCE Title: GFCE Research Committee Member | Job Title: Principal Pacific Partnership Advisor, CERT NZ | Description: A Chicagoan lost in the Asia-Pacific, Klée is currently working as the Principal Pacific Partnership Advisor at CERT NZ, the national CERT for New Zealand. He works to build stronger partnership across the Pacific and with the global incident response community to support cybersecurity capacity building in the region. He is also a member of the Editorial Board of the International Journal of Digital Peace and Security (IJDPS) which seeks to enrich the dialogue across disciplines to unpack the challenges and opportunities of the digital space. Prior to joining the CERT NZ team, he worked as the Senior Advisor – Strategic Engagement & Capacity Building at APNIC, the Regional Internet Registry for the Asia-Pacific, to promote APNIC’s vision of a global, open, stable, and secure Internet across the region’s 56 economies as well as internationally. He has worked on Asia-Pacific cyber issues since 2013 having also served as an Advisory Board member of the Global Forum on Cyber Expertise (GFCE) and as an analyst with the International Cyber Policy Centre at the Australian Strategic Policy Institute (ASPI).

Mary Aiken:
GFCE Title: GFCE Research Committee Member | Job Title: Professor of Forensic Cyberpsychology, University of East London | Description: Professor Mary Aiken is a world leading expert in Cyberpsychology – the study of the impact of technology on human behaviour. She is a Professor of Forensic Cyberpsychology in the Department of Law and Criminology at the University of East London, and an Adjunct Professor at the Geary Institute for Public Policy University College Dublin, Ireland. She is an Academic Advisor to Europol’s European Cybercrime Centre (EC3) and a member of the EC3 Academic Advisory Board. Professor Aiken is a Fellow of the Royal Society of Medicine, Global Fellow at the Wilson Center (US think tank), a member of the Medico-Legal Society of Ireland, an International Affiliate Member of the American Psychological Association (APA) and a Fellow of the Society for Chartered IT Professionals. Her research interests include; AI, Fintech, SecurityTech, human factors in cybersecurity, organised cybercrime, online behavioural profiling, Internet psychology, personal cyber security and safety, online harms and child protection online.

Andrea Calderaro:
GFCE Title: GFCE Research Committee Member | Job Title: Senior Lecturer/Associate Professor in International Relations and Director of the Centre for Internet and Global Politics at Cardiff University | Description: Andrea Calderaro, PhD, is a Senior Lecturer/Associate Professor in International Relations and Director of the Centre for Internet and Global Politics at Cardiff University. With his research on transnational governance of cyberspace, with a particular focus on Cyber Capacity Building, Internet and Human Rights, and the Digital Divide, he has supported cyber capacity building initiatives in Africa, Asia, Middle East, Central America, and in EU institutions. In particular, he served as a member of the UNESCO “Internet Universality Program” Advisory Board: of the Global Internet Policy Observatory’s (GIPO) Advisory Group at the European Commission; and at the “EU Cyber Capacity Building” Task Force for the development of the “Operational Guidance for the EU’s International Cooperation on Cyber Capacity Building” (European Commission/EU/SS). He is currently engaged as a member of the Civil Society Information Society Advisory Council board at the OECD and as a member of the UK FCO Cybersecurity Multi-stakeholder Advisory Board, and regularly support the Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) in its effort to overcome digital divides in Africa. He is also a co-Editor of the “Digital Technologies and Global Politics" Book Series at Rowman & Littlefield, and his research includes publications in “Policy and Internet”, “Third World Quarterly”, “International Journal of E-Politics”, and “Open Democracy”. He holds his PhD in Political Science from the European University Institute. Twitter: @AndreaCalderaro

Emmanuella Ntim Darkwah:
GFCE Title: GFCE Research Committee Member | Description: Emmanuella Ntim Darkwah is an International Cooperations’ Officer at the National Cyber Security Centre (NCSC),... — continued next page
Strategic Plan

Global Forum on Cyber Expertise

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Ghana. Her role entails being the focal point for all internal and external communication with partners such as the Ministry of Foreign Affairs and Regional Integrations, Freedom Online Coalition, United Nations, Security Governance Initiative, among others. She is currently honing skills in cyber diplomacy and is among the first cohort of the Women in Cyber Fellowship. Furthermore, she has participated in the United Nations’ Open-Ended Working Group on Developments in ICT in the context of International Security. Prior to working with the UN, Emmanuela has worked with organizations like the United Nations Human Settlements Programme, the African Association for Public Administration and Management (AA-PAM) and with media houses in Kenya and Ghana. Emmanuela has the following academic qualifications: A Bachelor of Arts Degree in Journalism and Media Studies, specializing in Development Communication from the University of Nairobi, Kenya. A Master of Arts Degree in Conflict, Peace and Security from the Kofi Annan International Peacekeeping Training Centre, Ghana. In addition to these, she has undertaken the following certifications: A virtual Workshop on International Law from the United Nations Institute for Training and Research (UNITAR) A Training on Cyber Policy and United Nations Negotiations from the United Nations Institute for Training and Research (UNITAR) Certified Security Principles from the Mile 2 Cyber Security Certifications.

Richard Harris:
GFCE Title: GFCE Research Committee Member | Description: Mr. Harris has spent over three decades in the security field working at the tactical, operational, strategic, and national policy levels. For the last 16 years, Mr. Harris has been focused on building U.S. and international cybersecurity capacity and developing foundational national cyber policies. After 26 years in the US Marine Corps, retiring as a Colonel, Mr. Harris joined the Department of Homeland Security (DHS) where he led efforts to develop and implement cyber risk prevention and mitigation, cybersecurity protection, incident response, information sharing, awareness and public/private partnership policies and programs. His early DHS work included increasing and improving the capabilities of the U.S. Computer Emergency Readiness Team (US-CERT) where he created a planning staff to coordinate and support the development of inter-governmental coordination of cybersecurity policies, plans and operations. Additionally, Mr. Harris was the lead in developing and implementing a successful public/private partnership program, and instrumental in developing and implementing the seminal Comprehensive National Cyber Initiative (CNCI) as well as numerous Presidential Directives on cybersecurity information sharing, operations and inter-agency coordination including developing situational awareness and incident response procedures between US-CERT and six major U.S. cyber centers in the Department of Defense, Federal Bureau of Investigation, and the Intelligence Community, as well as the private sector. Mr. Harris also served as the chief of planning and coordination for the National Cybersecurity and Communications Integration Center (NCCIC) where he worked with private sector, U.S. government agencies, and White House staff to improve whole-of-government approaches to cybersecurity. While serving as the Deputy Director, US-CERT, the NCCIC and as a senior advisor to the Assistant Secretary of Cybersecurity and Communications, Mr. Harris provided consultations to over 30 nations in multi-lateral and bi-lateral forums on building computer emergency response support capabilities and national cyber strategies including nations in the Asia Pacific, European, Middle Eastern, African and South American regions. Since joining MITRE in 2017, Mr. Harris has worked on cyber information sharing and capacity building efforts for the U.S. Department of State in Africa, Asia and Europe, and programs dealing with cybersecurity information sharing and the Internet of Things. Mr. Harris is a graduate of Cornell College, Mount Vernon, IA where he earned a B.A. degree in History and Political Science. He possesses an M.A. degree in International Affairs from American University, and an M.A. in National Security and Strategic Studies from the Naval War College. Mr. Harris has served as an Adjunct Professor at Georgetown University teaching a masters level class on homeland security. Mr. Harris has received numerous recognitions for his military accomplishments and his work at DHS and MITRE promoting the development of cybersecurity capacities and capabilities globally.

Lia Patricia Hernández Pérez:
GFCE Title: GFCE Research Committee Member | Job Title: Executive Director | Description: Lia obtained a Bachelor’s degree in Law and Political Science from the University of Panama in 2006 and after practicing law in Panama, lived 8 years between Italy and Spain, where she studied Master’s in Law of New Technologies and Legal Informatics at the University of Bologna, Italy. In 2008 she obtained a scholarship from the Spanish Agency for International Cooperation and Development (AECID), to study a Master’s Degree in Telecommunications and Information and Communication Technologies Law at the Carlos III University of Madrid, Spain, where she was Professor of Law of the New Technologies of the Master in Management and Knowledge Technology with the University of Panama. Since 2012, she founded with a group of colleagues the Panamanian Institute of Law and New Technologies (IPANDETEC), a non-profit organization that promotes the use and regulation of ICTs and the protection of human rights in the digital environment. After several years of activism, the organization spread operations to the entire Central American region.

Amreesh D. Phokeer:
GFCE Title: GFCE Research Committee Member | Job Title: Research Manager, AFRICOM | Description: Amreesh D. Phokeer is a Research Manager at the African Network Information Center – AFRINIC, where he spearheads the organisation’s research activities in the areas of Internet security and Internet measurements – with a focus on African networks. He is currently responsible of multiple initiatives namely: the AFRINIC Research Collaborations (ARC) and the Africa Internet Measurement (AIM) programmes. Between 2011 and 2014, he headed the software development team as Applications Unit Manager, where he championed the development of various security frameworks namely RPKI and DNSSEC. Prior to joining AFRINIC, Amreesh worked as a Guest Researcher at NIST, USA. Amreesh has a number of scientific publications in A-ranked conferences in the areas of network performance, security, and Internet policy. He has been a Programme Committee member of several academic and technical conferences. He was the General Chair of the 12th EAI International Conference on e-Infrastructure and e-Services for Developing Countries (AFRICOMM). Amreesh is a frequent speaker at — continued next page
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Internet conferences in Africa. He has an M.Eng in Computer Science from Telecom Nancy, France and an M.Sc in Information Security from the University of London, UK. He is currently finishing his PhD in Computer Networks at the University of Cape Town, South Africa.

Niels Nagelhus Schia:
GFCE Title: GFCE Research Committee Member | Job Title: Senior Research Fellow (PhD) at NUPI, and manager of NUPIs Centre for Cybersecurity Studies | Description: Niels Nagelhus Schia is a senior research fellow and manager for NUPI's Center for Cyber Security Studies. He is a former fellow of the NSSR (New School for Social Research) and holds a PhD degree in social anthropology from the University of Oslo. With a focus on the role of cybersecurity and cybersecurity governance in international relations Schia tracks new developments in policy and research, and provide academic studies, expert analysis and strategic policy recommendations. His research focus combines anthropology and international relations theory with theories of cyber security. His current projects are concerned with norms and state behavior in cyber space, development assistance and capacity building, societal vulnerabilities, sovereignty and cyberspace, global governance and cyber space. In the research project GAIA (funded by the Research Council of Norway’s IKTPLUS initiative) Schia explores links between digital value chains, national autonomy and international politics. This is a four-year cooperation between SimulaMet, NUPI and several other institutions and universities. Read his most recent article The Cyber Frontier and Digital Pitfalls in the Global South published in Third World Quarterly (2018). Schia has worked on numerous topics within international organizations, global governance, peacebuilding and statebuilding over the previous years. He has acted as an adviser to governments and international organizations on issues pertaining to capacity building, institution building and global governance. He has participated in international discussions and working groups in the United Nations and regularly participates at international conferences. He has long experience with developing and finalizing research projects financed by governments and research councils. Across cutting concern in these research projects has been the exploration of global connections to more localized and national contexts. This is also a concern in his book Franchised States and the Bureaucracy of Peace (Palgrave Macmillian, 2018) and in his chapter Horseshoe and Catwalk: Power, Complexity and Consensus-Making in the United Nations Security Council in the book Palaces of Hope: The Anthropology of Global Organizations (Cambridge University Press, 2017). Schia has published in scientific journals such as Third World Quarterly, European Journal of International Relations, International Peacekeeping, Journal of International Relations and Development, and Political and Legal Anthropology. His current research focuses on cyber security, cyber capacity building in developing countries and emerging economies, internet governance and collaboration between states and non-state actors. He is a former Fulbright Scholar and from January 2017 he is a co-editor of the leading Scandinavian-language International Relations-journal Internasjonal Politikk.

GFCE Secretariat:
The Secretariat provides operational and logistical support to the GFCE, acting as a liaison and point of contact for the GFCE Community, the Advisory Board and the Foundation Board. The Secretariat also facilitates the Working Groups, all GFCE projects and processes, and information-sharing within the GFCE and externally. In addition, the Secretariat is responsible for planning and supporting GFCE Meetings.

David van Duren:
GFCE Title: Director | Information: David van Duren is the Director of the Global Forum on Cyber Expertise (GFCE) Secretariat since the official launch in 2015. In 2014 Mr. van Duren played a highly significant role in the realization of the Global Conference on Cyber Space 2015 in the Hague, Netherlands. Between 2010 and 2014 Mr. van Duren was responsible for the realization of the:

- Dutch National Cyber Security Strategy (February 2011);
- Dutch National Cyber Security Centre (January 2012);
- Division of Cyber Security Policy, including national and international policy;
- Second Dutch National Cyber Security Strategy (October 2013). * Mr. van Duren has a MSc degree in Economics and Psychology.

Manon van Tienhoven:
GFCE Title: GFCE Program Coordinator | Information: Manjo van Tienhoven has joined the GFCE Secretariat in 2016. In her current capacity as GFCE Program Coordinator, she is responsible for the overall coordination of the GFCE Working Groups and multiple ongoing projects. Ms. van Tienhoven has a BA in International Relations and International Organisations and a MSc in Crisis and Security Management.

Wouter Veenstra:
GFCE Title: Manager Global Outreach and Partnerships | Information: Wouter Veenstra started in 2015 as Senior Advisor at the Global forum on Cyber Expertise (GFCE) Secretariat. Mr. Veenstra is in the lead of GFCE Outreach and Partnerships and his key responsibilities are to identify and connect key stakeholders on Cyber Capacity Building, to interest them to join the GFCE and to connect them on cyber topics based on their wants, needs and means. Stakeholders are from all continents and include governments, intergovernmental organizations, private companies, academia and the technical community. Mr. Veenstra has a MSc in Economic History and previously worked at the Dutch Ministry of Security and Justice among others as a Staff Employee to the Minister of "}

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Vision
Every citizen of the world is able to fully reap the benefits of ICT through a free, open, peaceful and secure digital world

Mission
To strengthen cyber capacity and expertise globally

Values
- Freedom
- Openness
- Peace
- Security
- Coordination
- Knowledge
- Expertise
- Needs
- Capacities
Research
1. Capacity Building

Support cyber capacity building

How does the GFCE support cyber capacity building? The GFCE strengthens international cooperation on cyber capacity building by connecting needs, resources and expertise and by making practical knowledge available to the global community. The current focus of the GFCE is three-fold: coordinating regional and global cyber capacity projects and initiatives; sharing knowledge and expertise by recommending tools and publications; and matching individual needs for cyber capacities to offers of support from the community as a clearing house function.

1.1. Coordination

Coordinate regional and global cyber capacity projects and initiatives

1.2. Knowledge & Expertise

Share knowledge and expertise by recommending tools and publications

1.3. Needs & Capacities

Match individual needs for cyber capacities to offers of support from the community as a clearing house function

With an effective global clearing house mechanism, the GFCE improves efficiency on a global level in the delivery of capacity building programs by avoiding duplication and blind spots.

1.4. Research Agenda

Collect and prioritize of research gaps

An additional focus introduced in the second half of 2020 is the collecting and prioritizing of research gaps (as identified by the GFCE Working Groups) into a global cyber capacity building Research Agenda.
2. Discussions

Provide a platform for high-level discussion

The GFCE is also a platform for high-level discussion, organizing biannual meetings to assess progress and hold policy discussions on ways and means of responding to emerging challenges in the cyber capacity building domain. The GFCE intends to hold inaugural regional meetings across five continents in 2020, improving the platform’s regional coordination and presence. These multi-stakeholder GFCE events contribute to the development of best practices and therefore has added value for the wider cyber capacity building community globally.

2.1. Progress

Organizing biannual meetings to assess progress

2.2. Policies

Hold policy discussions on ways and means of responding to emerging challenges in the cyber capacity building domain

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