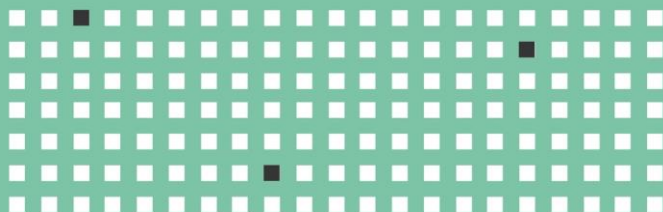


DIGITAL RISKS IN SITUATIONS OF ARMED CONFLICT

CODENODE LONDON, UK
11-12 DECEMBER 2018



SPEAKER BIOS

All speakers listed in alphabetical order:

Helen Alderson – Rakesh Bharania – Gary Brown – Ronald Deibert – Pierre Gentile – Laurent Gisel – Nathaniel Gleicher – Joseph Guay – Brittan Heller – Androulla Kaminara – Heather Leson – Eirann Leverett – Charlotte Lindsey-Curtet – Bill Marczak – Jenny McAvoy – Matt Mitchell – Nathaniel Raymond – Kyla Reid – Lisa Rudnick – Meg Sattler – Martin Searle – Christopher Tuckwood – Tom Wilson



Helen Alderson

Head of Regional delegation to the UK & Ireland to the ICRC

Helen Alderson oversees the ICRC's relationship with the UK Government on **humanitarian policy, humanitarian law** in armed conflict, and the **UK's support** of the ICRC in its worldwide operations. Prior to her London role, Helen was Director of Financial Resources and Logistics on the ICRC's Executive Team in Geneva.

Rakesh Bharania

President of Tarian Innovation



Rakesh Bharania is President of Tarian Innovation, a humanitarian innovation and advocacy organization focused on the **ethical and secure use of technology** to support vulnerable crisis-affected populations. He has had more than 25 years of field experience on the ground during major global humanitarian emergencies. He has architected and deployed networks and advanced **data protection** in support of numerous emergencies, including the Syrian Refugee Crisis, the Ebola Crisis in West Africa, Super Typhoon Haiyan, the Haiti earthquake, etc. He regularly collaborates with the global NGO community, governmental policymakers, private sector technology organizations, academia and civil society.



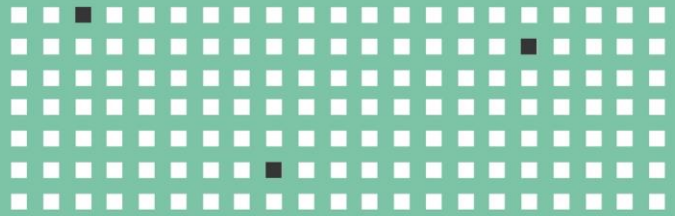
Gary D. Brown

Professor at the College of Information and Cyberspace

Gary Brown is Professor of Cyber Law at the College of Information and Cyberspace, National Defense University. He retired from the **US Air Force** as a colonel after 24 years of military service. He speaks on cyber operations law and policy, as well as other international humanitarian law topics. Gary has authored several articles related to **cyber warfare**, and was a member of the International Group of Experts that authored Tallinn Manual 2.0 . He previously served as Professor of Cyber Security at Marine Corps University and Head of Communications and Deputy Legal Advisor for the ICRC's Washington Delegation.

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Ronald J. Deibert

Professor of Political Science, University of Toronto

Ron Deibert (PhD, University of British Columbia) is a Professor at the Munk School of Global Affairs and Public Policy and in the Department of Political Science, and Director of the Citizen Lab at the Munk School of Global Affairs and Public Policy, University of Toronto. The Citizen Lab is an interdisciplinary research and development hothouse working at the **intersection of the Internet, global security, and human rights**. He is a co-founder and a principal investigator of the OpenNet Initiative and [Information Warfare Monitor](#) (2003-2012) projects. His research interests have focused on issues related technology, media, and world politics.



Pierre Gentile

Head of Protection of the Civilian Population at the ICRC

Pierre Gentile works at ICRC's headquarters in Geneva as the head of the Protection of the Civilian Population Unit. In 2008 and 2009 he oversaw a project to elaborate and disseminate **professional standards for protection work** for the sector as a whole, working in consultation with many humanitarian and human rights actors. Since September 2011, he has worked on the update of these standards with the support of different humanitarian organizations. Over the last couple of years, he has also supervised the development of 19 training modules for ICRC staff working on protection.



Laurent Gisel

Senior Legal Adviser at the ICRC

Laurent Gisel is a Senior Legal Adviser at the Legal Division of the ICRC in Geneva. He is the file holder for the rules governing the **conduct of hostilities** under international humanitarian law, including their **application in cyber space** and outer space, on which he publishes regularly. Laurent has worked in the ICRC Legal Division in various positions, after having served as Diplomatic Adviser to the ICRC Presidency. Laurent began his career at the ICRC in 1999 and held several positions in countries affected by conflicts. Prior to joining the ICRC, Laurent became attorney-at-law in Geneva.



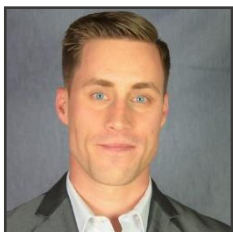
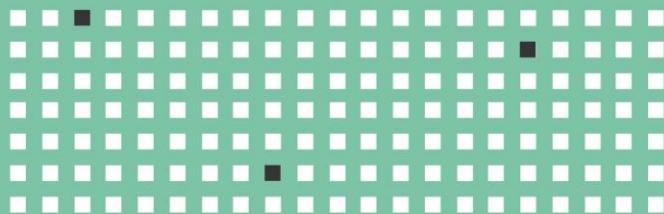
Nathaniel Gleicher

Head of Cybersecurity Policy at Facebook

Nathaniel Gleicher is an engineer and a lawyer, and works at the intersection of **technology, policy, and law**. He has taught computer programming, built and secured computer networks, prosecuted cybercrime at the US Department of Justice, and served as Director for Cybersecurity Policy at the National Security Council (NSC) in the White House. At the NSC, he developed US government **policy on key technology and cybersecurity challenges**, including encryption, cyber deterrence, internet governance, and network security. Since leaving government, Nathaniel served as head of cybersecurity strategy at Illumio, and is currently the Head of Cybersecurity Policy at Facebook.

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Joseph Guay

Director of Research at the Do No Digital Harm Initiative

Joseph Guay is Director of Research at The Do No Digital Harm initiative, where he leads a multi-sector, international portfolio of work to support humanitarian agencies, NGOs, vulnerable civil society groups, and social entrepreneurs tackle issues pertaining to risk management, **data protection**, ethical design, and **digital security** in humanitarian emergency contexts where innovative technologies are deployed. Joe has also supported the development of technology solutions for mass atrocity prevention work in South Sudan, the Ebola pandemic and Nepal earthquake responses, and on mixed-migration and human trafficking in the Horn of Africa, among others.



Brittan Heller

Affiliate at Harvard Berkman Klein

Brittan Heller works at the intersection of **technology, human rights, and the law**, and is an expert on hate speech and the movement from online conduct to offline violence. She is an affiliate at Harvard's Berkman Klein Center who now advises tech companies, governments, and international organizations on integrating public safety and freedom of expression. Heller founded the Anti-Defamation League's Center for Technology and Society to spearhead the **agency's tech portfolio**. Key projects included AI partnerships with academia to study hate speech, and studying disinformation impacting minority communities.



Androulla Kaminara

Director for Africa, Asia, Latin America, Caribbean & the Pacific at ECHO

Androulla Kaminara is the Director for **Africa, Asia, Latin America, Caribbean and Pacific** in the Directorate-General for European Civil Protection and Humanitarian Aid Operations (ECHO). Androulla was previously Principal Adviser and Head of Task Force "**Knowledge, Performance and Results**" in the Directorate-General for International Cooperation and Development – EuropeAid – of the European Commission (EC). She has also been Head of Unit for the coordination of development co-operation projects and programs of the EC in 44 West & Central African and Caribbean countries and having served as a member of cabinet in the offices of two EC Commissioners.



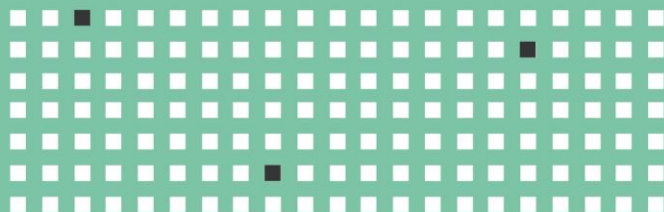
Heather Leson

Data Literacy Lead at the IFRC

Heather Leson is the Data Literacy Lead at International Federation of Red Cross and Red Crescent Societies. As a technologist, she strengthens community collaboration via **humanitarian technologies** and social entrepreneurship. She builds partnerships, curates **digital spaces**, fosters volunteer engagement and delivers training while inspiring systems for co-creation with maps, code and data. At the International Federation of Red Cross Red Crescent, her mandate includes data skills global advocacy and training programs in partnership with the 190 national societies and the 13 million volunteers.

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Eireann Leverett
CEO of Concinnity Risks

Eireann Leverett is a senior risk researcher at the University of Cambridge Centre for Risk Studies, and CEO of Concinnity Risks, a **cyber risk quantification** and management company. He is also the co-author of Solving Cyber Risk.

Charlotte Lindsey-Curtet
ICRC Director of Digital Transformation and Data



Charlotte Lindsey-Curtet has assumed the role of Director of **Digital Transformation and Data** after eight years as Director of Communication and Information Management. Her responsibilities include developing the ICRC's **data model, data analytics and data governance**; the design, testing and build of the ICRC's capacity for digital response, services and engagement with stakeholders; and enabling the ICRC's capacity for digital transformation in relation to internal functioning. Charlotte Lindsey-Curtet has a degree in business studies and a master's degree in communication management. She is author of Women facing War.

Bill Marczak
Senior Research Fellow at CitizenLab



Bill Marczak is a Senior Research Fellow at Citizen Lab, a co-founder of Bahrain Watch, and a Postdoctoral Researcher at UC Berkeley, where he received his PhD in Computer Science under the advisorship of Vern Paxson. His work focuses on **novel technological threats** to Internet freedom, including new censorship and surveillance tools. His expertise is in **Internet scanning** and conducting digital investigations. Coverage of his work has been featured in Vanity Fair, the New York Times, the Washington Post, on CNN, and on Larry King.

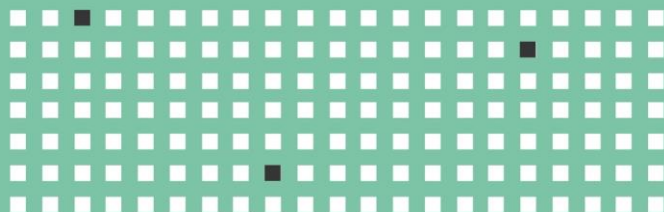
Jenny McAvoy
Director of Protection at InterAction



Jenny McAvoy is InterAction's Director of Protection, responsible for developing and leading collaborative efforts of InterAction's members and other inter-agency fora to enhance humanitarian protection. Her expertise and current focus encompasses **policy and programming**; strengthening compliance with IHL and human rights law through humanitarian action; humanitarian access, negotiation, and adherence to humanitarian principles; UN integration; and the **protection of civilians** in armed conflict, including in relation to the roles of UN political and peacekeeping missions. Previously, Jenny worked with local, national and international NGOs in field operations primarily in Southeast Asia and in Sudan.

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Matt Mitchell

Director of Digital Safety & Privacy at Tactical Tech

Matt Mitchell is a hacker, and the Director of Digital Safety & Privacy, at Tactical Tech (also known as the Tactical Technology Collective). In his work there Matt leads security training efforts, curricula, and organizational security for the organization in their mission to raise awareness about privacy, **provide tools for digital security**, and mobilize people to turn information into action. Matt is a well-known security researcher, operational security trainer, and data journalist who founded & leads [CryptoHarlem](#), impromptu workshops teaching basic cryptography tools to the predominately African American community in upper Manhattan.



Nathaniel Raymond

Lecturer at the Yale Jackson Institute for Global Affairs

Nathaniel A. Raymond is a Lecturer at the Jackson Institute for Global Affairs. His research interests have focused on the **human rights** and human security implications of **information communication technologies** (ICTs) for vulnerable populations, particularly in the context of armed conflict. He previously was a humanitarian aid worker with Oxfam America, serving in the field in Ethiopia, Afghanistan, Sri Lanka, and the US Gulf Coast in the aftermath of Hurricane Katrina.



Kyla Reid

Head of Digital Identity and Mobile for Humanitarian Innovation programmes, GSMA

Kyla is responsible for working with mobile operators, governments and NGOs to identify the opportunities, barriers, and value of mobile as a scalable and trusted platform for enabling digital identity, and accelerating the impact and delivery of a digital humanitarian future. Most recently Kyla led the industry-wide Humanitarian Connectivity Charter, now with over 140 mobile operator signatories, UN and NGO endorsement and a footprint in over 107 countries.



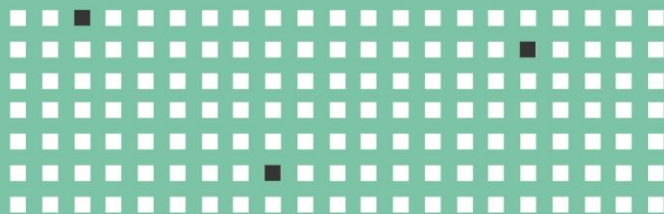
Lisa Rudnick

Fellow at The Policy Lab

Lisa Rudnick is a Fellow at The Policy Lab, and a Founding Partner. Based in Geneva, she is experienced in the **peace building and security sectors**, with skills in strategic design, qualitative research and research design, policy analysis and design and ethnographic methods of engagement. Lisa served as a Senior Researcher and Project Manager at the United Nations Institute for Disarmament Research (UNIDIR), and worked with UN field teams, NGOs and communities across Africa and Nepal, focusing on **community security**, reintegration and innovation in program and policy design. Recently, Lisa served as Head of Interpeace's International Peacebuilding Advisory Team.

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Meg Sattler

Global Advisor for Community Engagement at UN OCHA

Meg Sattler is a Global Advisor on Community Engagement for the UN Office for the Coordination of Humanitarian Affairs. Prior to this she was Global Advisor for Community Engagement with the Emergency Telecommunications Cluster, United Nations WFP. She is passionate about **supporting affected communities to take leadership** in aid efforts and to hold the international aid system to account. Meg has held senior humanitarian roles across non-governmental and UN organisations in Haiti, Pakistan and throughout the Middle East. Prior to her work in international aid, she was a refugee outreach worker and writer.



Martin Searle

Associate Research Fellow at RSIS

Martin Searle specialises in the use of **new technologies in humanitarian response**, focusing both on what technology can do for humanitarianism in an operational sense, and what it may do to humanitarianism as a **principle-based practice**. He is an Associate Research Fellow on the Humanitarian Assistance and Disaster Relief Programme, Centre for Non-Traditional Security Studies, S. Rajaratnam School of International Studies, Nanyang Technological University in Singapore. He previously spent 6 years with the international medical humanitarian organisation MSF on a mixture of conflict response, healthcare exclusion, HIV and TB treatment, and migrant and asylum issues.



Christopher Tuckwood

Executive Director at the Sentinel Project

Christopher Tuckwood is the co-founder and executive director of the Sentinel Project, a Canadian NGO dedicated to **assisting communities threatened by mass atrocities** through direct cooperation with the people in harm's way and the innovative use of technology. He has focused on leading Una Hakika, which is the Sentinel Project's mobile phone-based information service which monitors and counters incendiary rumours linked to intercommunal violence in Kenya. Chris also helped to replicate this **misinformation management model** in Myanmar, the Democratic Republic of the Congo, and Uganda. Chris has also worked on developing the Hatebase online hate speech monitoring initiative.



Tom Wilson

PhD student at the University of Washington

Tom is a PhD student in the Department of Human Centred Design and Engineering at the University of Washington in Seattle. His current research interests are in **information locality**, and how proximity to an emerging crisis or breaking news event shapes **online user behaviour and information sharing**. With CoSSaR, Tom is working on a project investigating information sharing during the 2016 Cascadia Rising Disaster Exercise, identifying the cause and effect of barriers to information sharing between various agencies during a large scale disaster.