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PRESENTS

MCSC

MUNICH CYBER SECURITY
CONFERENCE 2021

Cyber {IN} security –
Rethinking Cyber Strategies
in Tumultuous Times

Virtual Conference broadcast live from Hotel Bayerischer Hof, Munich
29 April 2021, 3:00-7:00 p.m. CEDT
30 April 2021, 2:00-6:00 p.m. CEDT

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ARROW

Ralf Wintergerst

Ladies and Gentlemen,

welcome to the 7th edition of the Munich Cyber Security Conference (MCSC). This virtual edition gives us the opportunity to reach out and liaise with speakers and participants from around the globe exchanging their views in this year's forum.

I am pleased to welcome all of you today.

15 months have passed since the start of the COVID-19 pandemic and the world looks very different today compared to just one year ago when we met for the 2020 edition of MCSC.

Not only has the geopolitical situation changed with intensified conflicts in trade and politics. Common global efforts like fighting the COVID-19 pandemic or climate change have also increasingly become subject to specific regional and political interests. The overall global security situation has become more volatile and unstable. Cyber security is no exception. Cyber attacks have increased and added to the damage already inflicted by the COVID-19 crisis. Also the transition from offices to homes for millions of office workers challenged security managers across all sectors.

A strong sense of urgency to continue our dialogue and to look for answers and better strategies in mitigating cyber risks in these tumultuous times has guided us during the preparation of our meeting today and tomorrow.

The year's impressive line-up – from government, public agencies, law, think tanks, academia, business and more – is further testament to the need for dialogue and underlines the importance of the exchanges that take place at the MCSC.

Let me sincerely thank all our speakers, partners and supporters for their great commitment in contributing to this virtual edition of MCSC. The spirit of sharing and working together is paramount for effectively improving cyber security and the state of the world.

Thank you very much for joining us. I wish you an inspirational and engaging conference and hope to see you again, in person, for the MCSC 2022 here in Munich.

Stay healthy and take care,

Ralf Wintergerst
Chairman Security Network Munich &
Group CEO Giesecke+Devrient

Distinguished guests of the Munich Cyber Security Conference,

It is a joy to see the MCSC back again in 2021. The event is being hosted virtually this year due to Corona, but a virtual format is also fitting given the nature of this conference.

Digitalization is advancing in giant leaps. In these past months, the pandemic in particular has accelerated the development of digital solutions. Yet with more people now working from home, we are also seeing more cyber attacks. And that is creating new challenges in IT security. These assaults are being carried out using new, modern methods and are customized to a high degree. To defend against them successfully, partners will need to pull together on all levels - technical, technological, legal, and even business management. A crucial role is played by executive management in particular when it comes to combating cyber risks.

The Bavarian State Government, too, is resolute in taking on these challenges. Our high-tech agenda and the funding under the "Bavarian Collaborative Research Program" ensure digitalization will be sustainable in the Free State of Bavaria. Cybersecurity and IT security represent an important pillar to that end.

Our goal is not only to protect the Bavarian economy against security risks, but also to raise awareness for the modern challenges associated with cybersecurity. Our policy is to provide targeted support and promote sustainable funding, which is why the Bavarian Ministry of Economic Affairs launched the Munich Security Network nine years ago. In cooperation with the cybersecurity platform of Bayern Innovativ GmbH, the Munich Security Network now provides central support for the network initiatives put forward by Bavarian IT security enterprises and the users of such technologies.

Outstanding networking is just one of the reasons Bavaria is a leading location in the field of IT security. The foundations for success in cybersecurity are found here, with global collaboration and knowledge transfer actively fostered between researchers, private industry, and users.

We will need a constant flow of new ideas and innovative solutions to face the rapid advancements in cybercrime. Events like the Munich Cyber Security Conference are extremely valuable in that context. This conference provides experts from all over the world with a platform for networking and pooling know-how. These interactions among professionals enrich their work and benefit all of us in a lasting manner. Let us continue to work together to ensure the digital space is secure. With this in mind, I'd like to wish everyone a stimulating, productive, and beneficial event.

His Excellency Hubert Aiwanger

Bavarian Minister of Economic Affairs, Regional Development and Energy, Deputy Minister President of Bavaria

Bavarian Ministry of Economic Affairs, Regional Development and Energy

Hubert Aiwanger

SEVENTH INTERNATIONAL MUNICH CYBER SECURITY CONFERENCE (MCSC) 2021

Cyber{IN}security – Rethinking Cyber Strategies in Tumultuous Times

THURSDAY, 29 APRIL 2021

3:00–3:30 pm	**Welcome**	**Ralf Wintergerst** Chairman Security Network Munich & Group CEO Giesecke+Devrient (Munich)
	Greeting	**Wolfgang Ischinger** Ambassador, Chairman Munich Security Conference (Berlin)
	Opening Address	**Dorothee Bär** Minister of State, Federal Republic of Germany (Berlin)
	Keynote	**Her Excellency, Margrethe Vestager** Executive Vice President EU Commission (Brussels)
	Impulse	**Cédric O** Minister of State for Digital Transition and Electronic Communication (Paris)
3:30–4:15 pm	**First Panel** **Building Digital Sovereignty in a Multi-Polar World** **Moderator: John Higgins** President of Chartered Institute of IT, Chair of Global Digital Foundation	**Regine Grienberger** Cyber Ambassador Foreign Ministry (Berlin) **Thomas Enders** President German Council on Foreign Relations DGAP (Munich) **Sir Julian King** former EU Commissioner for the Security Union (London) **Hester Somsen** Deputy National Coordinator for Security and Counterterrorism Ministry of Justice (The Hague)
4:15–4:20 pm	**Coffee break**	
4:20–4:40 pm	**Insight View**	**Tom Burt** Corporate VP Customer Security & Trust Microsoft (Redmond, WA)
	Impulse	**Oleksandr Potii** Deputy Chairman of State Service of Special Communication and Information Protection of Ukraine (Kyiv)

Time		
4:40–5:25 pm	**Second Panel** Tumultous Times: Managing Complexity and Gaining Oversight **Moderator: Madeleine Myatt** Fellow German Council on Foreign Relations DGAP (Berlin)	**Juhan Lepassaar** Executive Director of the EU Agency for Cybersecurity ENISA (Athens) **Jürgen Setzer** CISO Bundeswehr (Bonn) **Bettina Dietsche** COO Allianz (Munich) **Sandra Joyce** EVP Global Intelligence FireEye (Milpitas, CA)
5:25–5:30 pm	**Coffee break**	
5:30–5:40 pm	**Tribune**	**His Excellency, Robert Dussey** Minister of Foreign Affairs, Cooperation and African Integration of the Togolese Republic (Lomé)
5:40–5:55 pm	**Spot On** **Moderator: Kiersten Todt** Managing Director Cyber Readiness Institute (New York, NY)	**Nicole Perlroth** Author and Journalist, New York Times (New York, NY)
6:00–6:10 pm	**Vantage Point** Crisis Management: Lessons from CORONA Pandemic	**Bernardo Mariano** Director Digital Health & Innovation, CIO World Health Organization (Geneva)
6:10–6:55 pm	**Third Panel** Mitigating Cyber Risks: Engaging Private and Public Agents Successfully **Moderator:** **Stormy-Annika Mildner** Executive Director Aspen Institute Germany (Berlin)	**Edvardas Šileris** Head of the European Cybercrime Centre (The Hague) **Christopher C. Krebs** Founding Partner KS Group (Washington D.C.) **Esti Peshin** General Manager Cyber Division at Israel Aerospace Industries (Tel Aviv) **Jean-Noël de Galzain** Chairman of Hexatrust and Founder & CEO of Wallix (Paris)

FRIDAY, 30 APRIL 2021

2:00 pm	**Welcome**	**Tom Koehler** Vice-Chair Security Network Munich
2:05 pm	**Distinguished Guest of Honor** **Interviewed by:** **H.E. Marina Kaljurand** MEP and Former Foreign Minister of Estonia (Tallinn)	**Her Excelleny, Madeleine Albright** Former U.S. Secretary of State
2:20 pm	**Opening Remarks**	**Her Excelleny, Ana Brnabic** Prime Minister, Republic of Serbia (Belgrade)
2:25 pm	**Keynote**	**Helga Schmid** Secretary General OSCE (Vienna)
2:25–3:20 pm	**Fourth Panel** More Cyber Security through Digital Sovereignty? **Moderator: Sandro Gaycken** Director of Digital Society Institute at ESMT (Berlin)	**Robert Kośla** Director Dept. Cybersecurity, Chancellery of the Prime Minister (Warsaw) **Werner Strasser** Founder & CEO Fragmentix (Vienna) **Cyril Dujardin** Head of Digital Security, Atos (Paris) **Sergej Epp** Chief Security Officer, Palo Alto Networks (Munich)
3:20–3:25 pm	**Coffee break**	
3:25 pm	**Vantage Point**	**Chris C. Demchak** Cyber and Innovation Policy Institute, U.S. Naval War College (Newport, RI)
3:40 pm	**Impulse** Deep Learning – A Game Changer for Cybersecurity?	**Brooks Wallace** VP Sales EMEA, Deep Instinct (New York, NY)

3:45–4:30 pm	**Talking Heads**	**Bruce Schneier**
		Fellow and Lecturer Harvard Kennedy School
	Moderator: Gregor P. Schmitz	(Cambridge, MA)
	Editor-in-Chief Augsburger Allgemeine	
		Alex Stamos
		Director Stanford Internet Observatory,
		Stanford University (Stanford, CA)
		Thomas Tschersich
		Chief Security Officer Deutsche Telekom (Bonn)

| 4:30–4:35 pm | **Coffee break** | |

4:35–5:20 pm	**Fifth Panel**	**Martin Clements**
	Corporate Cyber Risk Management –	Security Advisor Credit Suisse (Zurich)
	What Makes the Difference?	
		Mihoko Matsubara
	Moderator: Kai M. Hermsen	Chief Cyber Security Strategist NTT Corp. (Tokyo)
	Global Coordinator of the	
	Charter of Trust, Siemens (Munich)	**Ramon Mörl**
		Founder & Managing Director itWatch (Munich)
		Melody Balcet
		Director Operational Risk, Barclays (Washington D.C.)

5:20 pm	**Spot on:**	**Lisa O. Monaco**
	Enforcing Cyber Security –	Deputy Attorney General,
	A Legal Perspective	U.S. Department of Justice (Washington, D.C.)
	Moderator: Gordon Corera	
	BBC´s Security Correspondent (London)	

5:30 pm	**Closing Remarks**	**Roland Weigert**
		Vice Minister, Bavarian Ministry of Economic Affairs,
		Regional Development and Energy (Munich)

| | **Conclusion** | **Peter Moehring** |
| | | General Manager Security Network Munich |

EDITORIAL

About the author

Ciaran Martin

Ciaran Martin is Professor of Practice in the Management of Public Organisations at the Blavatnik School of Government at the University of Oxford and an adviser to Paladin Capital. From 2014-2020 he set up and then ran the United Kingdom's National Cyber Security Centre, part of the intelligence agency GCHQ.

Safer, more securely sourced technology: what happens after conferences like these?

What happens to make cyber security better once meetings of excellent minds like those at the Munich Cyber Security Conference have concluded? This question is not meant to be as dull as it might sound to conference delegates, nor as provocative as it might appear to some of the organisers. When I was head of the United Kingdom's National Cyber Security Centre, I found this event one of the most helpful and engaging and truly international such discussions on one of the most important topics on our time.

Instead, I am posing a question about the changing nature of cyber security and how we address that. I learned many valuable lessons from my time in Government and encounters with experts from all over the world but one stands out as the lesson for the 2020s: most of the potential transformative improvements we need to make to move towards safer, more reliable technology depend as much on economics, trading rules, commercial incentives and regulatory environments as they do on technical know-how. And we have, on balance, struggled to get this right at national level, though things are improving. And we've been particularly bad at co-ordinating it at international level. We need to broaden how we deal with complex cyber security challenges, and broaden the community that deals with them.

Let's take two critically important cyber security issues. The first is how we incentivise safer products and services in both hardware and software. This is the single most impactful set of activities we can undertake to improve cyber security. It is now a consensus that the Internet was designed without security in mind, and therefore suffers from serious structural security flaws. But what are we doing to fix that? Improvements are happening, but are they at sufficient scale?

Despite outstanding commercially-led advances in key areas like threat intelligence and anomaly detection, many parts of the cyber security economy are still broken. Yet opportunities are staring right at us. The Internet of Things at least partly shifts the digital economy from one based on surrendering personal data for free access to web-based services to one where products and services are paid for. So countries like the UK and Singapore are not just developing regulatory codes to help consumers price security better, but joining together to align those codes. Why can't this happen at greater scale? Elsewhere, why can't there be more effective measures to counter systemic weaknesses in digital infrastructure and other areas like the movement of money to curb the ever-increasing rapacity of transnational cyber-criminals?

Answering those questions will help us secure the Internet built by the West: mainly by the American private sector. But perhaps even more important questions arise in respect of the first serious competitor to that Western built Internet: we all realise we have to face up to the challenges posed by Chinese technological ambitions. These ambitions are based on a completely different technological model, and a much more authoritarian one.

The world of cyber security of 2014, when I started, was, in effect, about network and device security and the resilience of systems. It was practically and operationally difficult, but conceptually fairly simple. It rarely aroused strong political passions, though political leaders worldwide increasingly grasped its importance.

But we are now faced with a fundamentally different challenge. We can no longer assume that the free and open model of communications technology we so value, for all its

flaws, will remain supreme. The 5G debate highlighted concerns about the paucity of Western infrastructure capability in key areas. Some now believe the West is behind in the development of important emerging technologies. Others worry about access to the raw materials needed for technological advancement. And there is certainly – and in my view correctly – concern as to whether the global standards that govern modern technology continue to work in favour of a free and open Internet.

The answers to both sets of issues – how do we make the Internet we have safer, and how do we ensure it can compete, survive and prosper in the face of an authoritarian challenger with a huge domestic market – are not primarily technological. Insofar as they are, they're about finding the right way of unleashing the technological expertise and innovation that is already there. And those measures are largely the preserve of the economics, trade, and regulatory arms of Government, and businesses themselves.

Yet strategic cyber security discourse at public policy level remains the preserve, by and large, of national security types and national security facing businesses. This is essential, but no longer enough. At the moment, conclusions and agreements from summits and conferences are fed back into security ministries, military units and intelligence agencies. These all have standard ways of cooperating with each other. But making progress on safer, more securely sourced technology requires bringing in economics and trade policymakers and regulators too. It then means that those groups need to cooperate, not complete. We need to align not just commercial standards, but commercial objectives. This requires bodies like the G7 or modifications of it finding ways of operating on a common, agreed set of assumptions about technology. It means the US and EU thinking and acting differently when they talk digital trade.

Free, open competitive economies are not naturally geared up for this sort of cooperation. The paradox of our times is that preserving our free and open economies in the digital age depends on it.

Founded in 2018 at the Munich Security Conference, the Charter of Trust was initiated by Siemens because of increasing daily life exposure to malicious cyber-attacks. Today, its members have transformed it into a unique initiative of leading global companies and organizations working together to make the digital world of tomorrow safer.

DISTINGUISHED GUEST OF HONOR

Credit: Lauren Bulbin

Her Excellency, Madeleine Albright

Former U.S. Secretary of State
Chair, Albright Stonebridge Group and
Albright Capital Management (New York City, NY)

Madeleine K. Albright is a professor, author, diplomat and businesswoman who served as the 64th Secretary of State of the United States. In 1997, she was named the first female Secretary of State and became, at that time, the highest ranking woman in the history of the U.S. government. From 1993 to 1997, Dr. Albright served as the U.S. Permanent Representative to the United Nations and was a member of the President's Cabinet. She is a Professor in the Practice of Diplomacy at the Georgetown University School of Foreign Service. Dr. Albright is Chair of Albright Stonebridge Group, a global strategy firm, and Chair of Albright Capital Management LLC, an investment advisory firm focused on emerging markets. She also chairs the National Democratic Institute, serves as the president of the Truman Scholarship Foundation and is Honorary Chair of the World Refugee & Migration Council. In 2012, she was chosen by President Obama to receive the nation's highest civilian honor, the Presidential Medal of Freedom, in recognition of her contributions to international peace and democracy. Dr. Albright is a seven-time New York Times bestselling author. Her most recent book, Hell and Other Destinations was published in April 2020. Her other books include: her autobiography, Madam Secretary: A Memoir (2003); The Mighty and the Almighty: Reflections on America, God, and World Affairs (2006); Memo to the President: How We Can Restore America's Reputation and Leadership (2008); Read My Pins: Stories from a Diplomat's Jewel Box (2009); Prague Winter: A Personal Story of Remembrance and War, 1937-1948 (2012), and Fascism: A Warning (2018).

HOST

Ralf Wintergerst

Chairman Security Network Munich &
Group CEO Giesecke+Devrient (Munich)

Ralf Wintergerst is Chairman of the Management Board of Giesecke+Devrient (G+D) and the current Chairman of Security Network Munich, the host of the Munich Cyber Security Conference MCSC. Furthermore to his role at G+D, Wintergerst is Chairman of the Supervisory Board of secunet Security Networks AG. In addition, he holds various positions related to IT security issues, including member of the advisory board of the Cyber Defense research institute of the Bundeswehr University in Munich and co-chair of the Digital Summit Platform Security, Protection and Trust of the Federal Ministry of the Interior. Since mid-2019, he took over as chair of the North Africa Middle East Initiative of German Business (NMI) and has also became a member of the Executive Committee of Germany's digital association, Bitkom. Ralf Wintergerst studied Business Administration and holds a Master's Degree in Management as well as in Politics, Philosophy and Economics.

KEYNOTE:

Margrethe Vestager

Executive Vice-President of the EU Commission (Brussels)

Margrethe Vestager is Executive Vice-President for a Europe Fit for the Digital Age, European Commission. She previously served as Commissioner for Competition (2014-19). She was Minister for Economic Affairs and the Interior (2011-14) and Minister for Education (1998-2001) of Denmark; President of the ECOFIN Council during the Danish EU Presidency (2012). She was Political leader of the Danish Social Liberal Party (2007-14), and has worked for the Danish Ministry of Finance (1993-95). Ms. Vestager holds an MSc in Economics (University of Copenhagen).

Credit: Stine Heilmann

OPENING ADDRESS:

Dorothee Bär

Minister of State for Digitalisation, Federal Republic of Germany (Berlin)

Dorothee Bär was born in Bamberg in 1978. She is a political scientist and a Member of the German Parliament since 2002. Before winning her parliamentary mandate she was a journalist for various daily newspapers, radio stations and news agencies. From 2009 to 2013 she was Spokeswoman of the CDU/CSU parliamentary group for family, senior citizens, youth and women affairs and deputy secretary general of her party, the CSU. From 2013 to 2018 she was Parliamentary State Secretary at the Federal Ministry of Transport and digital Infrastructure. Dorothee Bär is chairwoman of the CSU Netzrat and of CSUnet. Since March 2018 Dorothee Bär is Minister of State at the Federal Chancellery and Federal Government Commissioner for digital Affairs.

CONFERENCE MODERATOR

Sabina Wolf

Journalist and Analyst, Bayerischer Rundfunk (Munich)

Sabina Wolf is a journalist and analyst of global political and economic affairs and IT Topics for more than 20 years. Specialized in investigative journalism she is covering IT-Security, e-incitement and e-extremism, attacks on critical infrastructure, money laundering, terror funding and counterfeiting. Interviews with personalities and politicians add to her professional experience on camera. She is also a presenter of various conferences including Europol, Munich Security Conference and the American German Business Club. She is an awardee of numerous prices including "Bayerischer Fernsehpreis", the journalist price for informatics and she received five times the "Ernst Schneider Preis der Deutschen Wirtschaft".

SPEAKERS

Wolfgang Ischinger

Ambassador, Chairman Munich Security Conference (Berlin)

Ambassador Ischinger has been Chairman of the Munich Security Conference (MSC) since 2008. A German career diplomat, he was State Secretary (Deputy Foreign Minister) from 1998 to 2001. From 2001 to 2006, he was the Federal Republic of Germany's Ambassador to the U.S., and from 2006 to 2008, to the Court of St James's. He is a Senior Professor at the Hertie School, Berlin, and serves on the boards of companies as well as non-profit-institutions, including Atlantik-Brücke/Berlin, the American Academy/Berlin, and the Atlantic Council of the United States/Washington D.C.

Cédric O

Minister of State for Digital Transition and Electronic Communication (Paris)

Cédric O graduated from the business school HEC in 2006. From 2007 to 2010 he worked for an SME specialising in consulting and public communication. In July 2010, O began working with future European Commissioner Pierre Moscovici, with whom he would take part in François Hollande's presidential campaign. From 2012 to 2014, he served as an advisor to the Minister for the Economy and Finance. Between 2014 and 2017, Cédric O worked at Safran, where he headed up the Factory of the Future initiative (2014–2015) and then served as a head of production at Safran Aircraft Engine's plant in Gennevilliers (2016–2017). In May 2017, he was named joint advisor to the President and the Prime Minister on government shareholding and the digital economy. On 31 March 2019, he was appointed Minister of State reporting to the Minister for the Economy and Finance, Bruno Le Maire, with responsibility for Digital Affairs. He has been renewed under the following governments and has made access for all to digital everyday life and employment his two main priorities.

John Higgins

President of Chartered Institute of IT, Chair of Global Digital Foundation (Brussels)

John Higgins is President of the BCS, the UK's Chartered Institute of IT, Chair of the Global Digital Foundation and a senior advisor to global communications company, Burson Cohn & Wolfe. He is an advisor to the European Commission's Intelligent Cities Challenge and chairs the Advisory Board of the European University, Eutopia. He was Director General of DIGITALEUROPE, the association for the digital technology industry in Europe, until April 2017, following nine years leading its UK member association, Intellect, now TechUK. The Queen appointed him a Commander of the British Empire (CBE) in 2005 for his services to the UK IT industry.

Tom Enders

President German Council on Foreign Relations DGAP (Munich)

Tom Enders served as CEO of Airbus and EADS from 2005 to 2019. Prior to joining the aerospace industry in 1991, he worked at the German Ministry of Defense and at various think tanks. He studied at the Universities of Bonn and Los Angeles (UCLA) and served as an air-borne officer in the German Armed Forces. Since 2017 he has been a member of the Board of Directors of Linde Plc. In June 2019 he was elected President of DGAP (German Council on Foreign Relations). Since 2020 he has been a member of the Supervisory Board of Lufthansa AG, the Supervisory Board of Knorr-Bremse AG and the Advisory Board of Lilium GmbH.

Dr Regine Maria Grienberger

Cyber Ambassador Foreign Ministry (Germany)

Dr Regine Grienberger is the Director for Cyber Foreign and Security Policy at the Federal Foreign Office. Her previous professional experience was chiefly in the field of EU foreign policy as well as EU financial and economic policy, with a focus on general agricultural policy. Dr Grienberger was Deputy Head of the Minister's Office (Gabriel, Maas), Deputy Head of Division E04 (European economic and financial policy) and desk officer for general agricultural policy, with responsibility for crisis management in pandemics, among other areas. Her tasks also included EU public relations and the EU's external relations with countries of the Western Balkans. She was Head of the Political Section at the German Embassy in Rome and culture, press and protocol attaché at the German Embassy in Ljubljana. Dr Grienberger studied agriculture in Bonn, Munich, Vienna and Michigan State University. She obtained her doctorate in Bonn.

Sir Julian King

Former EU Commissioner and Senior Advisor at Flint Global

Sir Julian is a Senior Advisor at Flint Global, Fellow of RUSI and the Oxford Internet Institute. He was the last British European Commissioner, serving as EU Commissioner for the Security Union from 2016-2019, with responsibility for counter terrorism, cyber security, tackling hybrid threats, disinformation, and securing critical digital infrastructure. He joined the Foreign & Commonwealth Office in 1985. He has held various positions, including: UK Ambassador to France (2016); Director General Economic & Consular (2014); DG of the Northern Ireland Office London and Belfast (2011); UK Ambassador to Ireland (2009); EU Commission Chef de Cabinet to Commissioner for Trade (2008); UK Representative on EU Political and Security Committee, (2004). Sir Julian is a graduate of Oxford University and the Ecole Nationale d'Administration, Paris.

Tom Burt

Corporate Vice President, Customer Security and Trust, Microsoft

Tom Burt leads Microsoft's Customer Security and Trust (CST) team within Corporate and External Affairs at Microsoft. CST is a cross disciplinary team of engineers, lawyers, policy advocates, project managers, analysts and cybercrime investigators all working to advance the trust the customers have in Microsoft's products and services. Working with engineering and security teams across the company, CST is responsible for ensuring Microsoft products and online services comply with internal and regulatory security policies and leads programs to provide transparency of our products to governments globally. The organization formulates and advocates for cybersecurity policy and norms globally – advancing digital peace through initiatives such as the Paris Peace Forum, the Cybersecurity Tech Accord, and the Defending Democracy Program collaborating with public and private organizations. CST leads work for the company in Digital Safety, the Digital Crimes Unit (disrupting cyberattacks and supporting deterrence efforts), the Law Enforcement & National Security Team and National Security (supporting our work with the U.S. Government). Burt joined Microsoft in 1995 and has held several leadership roles in the Corporate External and Legal Affairs Department. He led the company's Litigation Group from 1996 to 2007, and led the Digital Trust team prior to his current role. Burt received his bachelor's degree in Human Biology from Stanford University and his law degree, magna cum laude, from the University of Washington Law School.

SPEAKERS

Hester Somsen

Cyber Coordinator Ministry of Justice (The Netherlands)

Hester Somsen was appointed as deputy National Coordinator for Security and Counterterrorism and as Director for Cybersecurity and State threats at the Ministry of Justice and Security of the Netherlands in October 2020. She started her diplomatic career in 1997 at the Ministry of Foreign Affairs with several international posting and senior roles related to crisis management and peacekeeping until 2013. In 2013 she was appointed Ambassador to Lebanon where she worked until she was appointed late 2016 as Director Security Policy at the Dutch Ministry of Foreign Affairs. In that capacity she was responsible for the articulation and implementation of Dutch policy in fields such as counterterrorism, cyber, hybrid, NATO, EU and OSCE policy. Hester Somsen was born on March 15, 1972, in Apeldoorn, the Netherlands. She holds a master´s degree in political sciences of the University of Amsterdam, majoring in International Relations.

Prof Oleksandr Potii

Deputy Chairman of State Service of Special Communications and Information Protection of Ukraine (Kyiv)

In 2020 Prof Oleksandr Potii was appointed as the Deputy Chairman of the State Service of Special Communications and Information Protection of Ukraine. Prof Potii took part in the development of national cryptographic standards and the information security system for The National Joint Stock Company Naftogaz and for the Ministry of Defense among others. He is a member of the Scientific and Technical Council for the development of PKI's at the Ministry of Justice. Oleksandr Potti graduated in 1993 from Kharkiv Higher Military Command and Engineering School with a degree in Automated Control Systems, received his PhD in Engineering in 2008 and became Professor in 2012 teaching at Kharkiv National University courses on security information systems and technologies until 2019. Prof Potii is the author of more than 90 publications (including 4 books) and is a frequent speaker at international conferences and seminars.

Madeleine Myatt

Fellow German Council on Foreign Relations DGAP (Berlin)

Madeleine Myatt joined the DGAP's Technology & Global Affairs Program in November 2020 as research fellow for cyber norms and cybersecurity. Before joining the DGAP, she was a research associate, focusing on cybersecurity and defense, in the RTG "World Politics" at the University of Bielefeld. Prior to that, she worked as a researcher and lecturer for public policy, comparative politics, and political sociology, also at Bielefeld University. Myatt has been involved in different research projects on digital and cyber diplomacy, right wing populism and digital political communication. She published, gave talks, and conducted research on national cybersecurity strategies, cyber security cultures, public private partnerships, cyber intelligence operations (OSINT & SOCMINT) and hybrid warfare. Based on that, she serves as an academic expert on Cyber at the European Centre of Excellence for Countering Hybrid Threats (Hybrid CoE) since November 2019. Madeleine Myatt holds a BA in Political Science and a MA in Political Science and European Studies from the University of Hannover. In addition, she completed the International Politics Summer Program at the University of Oxford on "Democracy and Authoritarianism in Russia and Former Soviet Union". Currently she is finalising here PhD on the role and implementation of public private partnerships in cybersecurity in Denmark, Germany, Finland, UK, India, Singapore, and Russia.

Juhan Lepassaar

Executive Director of the EU Agency for Cybersecurity ENISA (Athens)

Mr. Juhan Lepassaar is the Executive Director of the EU Agency for Cybersecurity. Mr. Juhan Lepassaar took up his functions as the Executive Director of ENISA on 16 October 2019. He has more than 15 years of experience in working with and within the European Union. Prior to joining ENISA, he worked for six years in the European Commission, including as Head of Cabinet of Vice-President Andrus Ansip responsible for the Digital Single Market. In this capacity, he also led and coordinated the preparations and negotiations of the Cybersecurity Act. Mr Lepassaar started his career in the EU affairs with the Estonian Government Office, leading for five years the national EU coordination system as the Director for EU affairs and EU adviser of the Prime Minister.

General Jürgen Setzer

CISO Bundeswehr (Germany)

Major General Jürgen Setzer joined the Bundeswehr as army officer candidate in 1980. After studying informatics at the Bundeswehr University in Munich, he served in various staff and command assignments. From 1992, he attended the general staff course at the Bundeswehr Command and Staff College in Hamburg. He also followed general staff officers training at the United States Army Command and General Staff College at Fort Leavenworth, United States. His subsequent military career was characterized by assignments at ministerial level as well as command level. For example, he took over command of the Air Maneuver Brigade 1 in Fritzlar, Germany, in 2008, before he became Chief of Staff at the Army Forces Command in Koblenz, Germany, in 2011. As Commander, Strategic Reconnaissance Command in Grafschaft-Gelsdorf, Germany, he took responsibility for military intelligence of the Bundeswehr from 2012 until 2015. He can draw upon operational experience from deployments in the Balkans and Afghanistan. Since April 2018, Major General Jürgen Setzer has filled the position of Vice Chief of the German Cyber and Information Domain Service and Chief Information Security Officer of the Bundeswehr. Major General Jürgen Setzer (born in 1960) is married and has two children.

Bettina Dietsche

COO Allianz (Munich)

Since July 2018, Bettina Dietsche holds the position as Chief Operating Officer (COO) and Member of the Board of Management at Allianz Global Corporate & Specialty SE (AGCS). Her Board responsibilities include HR, Global Business Operations, Data Office, Global Client Service & Multinational, IT, Protection & Resilience, Central Portfolio Steering, Global Process Management as well as Strategic Vendor Management. She is also leading the business and IT transformation as part of the NEW AGCS strategy program. Bettina joined Allianz first in 1998 and since then held a variety of international senior leadership roles in the insurance industry both within Allianz Group and other companies, including COO for Allianz Global Automotive. In 2016 she was appointed Head of Group Operations at Allianz SE; as a key member of the Allianz SE Chief Operating Office, she actively shaped the transformation of the Group headquarter as well as of Allianz local entities towards a global business model enabling digitalization & productivity gains by implementing global platforms and services. Bettina holds a Master Degree in Business Administration. Grown up in the Black Forest in Southwest Germany, she lives in Munich with her family. In her free time, she enjoys skiing, travelling and spending quality time with friends and family.

SPEAKERS

Sandra Joyce
EVP Global Intelligence FireEye (Milpitas, CA)

As EVP and Head of Global Intelligence at Mandiant, Sandra oversees intelligence collection, research, analysis and support services for threat intelligence customers and the Mandiant security product portfolio. Sandra has held positions in product management, business development and intelligence research over the course of over 21 years in both national security and commercial industry. Sandra serves in the US Air Force Reserve and is a faculty member at the National Intelligence University. She is completing her MBA at MIT and holds a bachelor's degree in German with four master's degrees in cyber-policy, international affairs, science and technology intelligence, and military operational art and science. Sandra speaks English, Spanish and German and lives in Virginia.

His Excelleny, Robert Dussey
Minister of Foreign Affairs, Cooperation and African Integration of the Togolese Republic (Lomé)

Robert Dussey is a Togolese politician and minister. Since September 2013, he is the Minister of Foreign Affairs, Cooperation and African Integration of the Togolese Republic. He is the ACP's (African, Carribean and Pacific countries) Chief Negotiator and Chair of the Ministerial Central Negotiating Group for the New ACP-EU Partnership post-Cotonou 2020. As a proven expert on issues related to peace, prevention, management and resolution of armed conflicts he is also a full Professor at Universities (Political Science and Political Philosophy) and Chairman of the Council of Ministers of ECOWAS (2017-2018) and Chairman of the Council of Ministers of the Council of the Entente.

Kiersten E. Todt
Managing Director Cyber Readiness Institute (New York City, NY)

Kiersten Todt is Managing Director of the Cyber Readiness Institute, a non-profit that convenes senior leaders of global companies to help small and medium-sized enterprises improve their cybersecurity. She also advises senior executives and Boards on cyber risk management and the role of human behavior in cybersecurity. Ms. Todt is the Scholar at the University of Pittsburgh Institute for Cyber Law, Policy, and Security. She most recently served as the Executive Director of the U.S. Presidential Commission on Enhancing National Cybersecurity and has served in senior positions in the White House and United States Senate, where she drafted components of the legislation to create the U.S. Department of Homeland Security.

Nicole Perlroth

Author and Journalist, New York Times (New Your City, NY)

Nicole Perlroth is an award-winning cybersecurity journalist for The New York Times, where her work has been optioned for both film and television. She is a regular lecturer at the Stanford Graduate School of Business and a graduate of Princeton University and Stanford University. She lives with her family in the Bay Area, but increasingly prefers life off the grid in their cabin in the woods.

Bernardo Mariano Junior

Director Digital Health & Innovation,
CIO World Health Organization (Geneva)

Bernardo Mariano Junior is the Director of the Department of Digital Health and Innovation, and the Chief Information Officer (CIO) at WHO. He is responsible for setting and maintaining the vision and direction of WHO's strategy of health in the digital age. As CIO, he ensures that the digital transformation of WHO enhances the organization's collective performance and efficiency to deliver the 'Health for all' global development agenda. Prior to joining WHO, Mr. Mariano held senior managerial positions in the International Organization for Migration as Senior Regional Adviser for Sub-Saharan Africa, Chief Information Officer and Regional Director for Southern Africa.

Dr Stormy-Annika Mildner

Executive Director Aspen Institute Germany (Berlin)

In January 2021, Dr Stormy-Annika Mildner (M.Sc.) became Director of the Aspen Institute Germany in Berlin, a renowned policy-oriented thinktank focusing on transatlantic relations and issues of global importance. As an adjunct professor, she teaches political economy at the Hertie School. From 2014 to 2020, she served as head of the department "External Economic Policy" at the Federation of German Industries (BDI), where she was responsible for international trade and investment issues. As Sherpa, she spearheaded the German Business7 Presidency (2015) and the German Business20 Presidency (2016-2017). Prior to joining BDI, she was Member of the Board of the German Institute for International and Security Affairs (SWP), worked as a lecturer at the John F. Kennedy Institute of the Free University of Berlin, and headed the program "Globalization and the World Economy" at the German Council on Foreign Relations (DGAP). She completed research fellowships at the American Institute for Contemporary German Studies and the Transatlantic Academy of the German Marshall Fund in Washington. She earned a Master of Science in international political economy from the London School of Economics and a PhD in economics from Freie Universität Berlin. During her doctoral studies, she conducted a one-year fellowship at the Yale Center for International and Area Studies (YCIAS) at Yale University.

SPEAKERS

Edvardas Šileris

Head of European Cybercrime Centre, Europol (The Hague)

Edvardas commenced as Head of the European Cybercrime Centre in July 2020. He is responsible for the central collation of criminal intelligence on cybercrime across the EU, supporting member state investigations into online child sexual exploitation, cyber-dependent crimes, non-cash means of payment fraud, and crime on the dark web. His Centre also collaborates closely with the Joint Cybercrime Action Taskforce (J-CAT), a team of specialist cyber investigators embedded within EC3 from multiple countries. His teams at EC3 further provide digital and document forensic support in complex cases across EU, strategic analysis of threats and trends, liaison with industry, academia and non- law enforcement partners, prevention and awareness raising, and capacity building. Before becoming Head of EC3, Edvardas was Deputy Police Commissioner General of the Lithuanian Police. He was also in charge of the Innovation Group within the Lithuanian police. From 2015 to 2020, Edvardas was a Member of the EUROPOL Management Board. Almost all his career in law enforcement he spent in the area of crime investigation (22 years).

Christopher C. Krebs

Founding Partner KS Group (Washington D.C.)

Christopher Krebs is a founding partner of the Krebs Stamos Group, and previously served as the first director of the federal Cybersecurity and Infrastructure Security Agency (CISA). As Director, Mr. Krebs oversaw CISA's efforts to manage risk to the nation's businesses and government agencies, bringing together partners to collectively defend against cyber and physical threats. At CISA, Mr. Krebs also pioneered the Rumor Control program, which was designed to counter election-related disinformation campaigns.

Esti Peshin

General Manager Cyber Division at
Israel Aerospace Industries (Tel Aviv)

Esti Peshin is General Manager of the Cyber Division at the Israel Aerospace Industries Ltd. At the beginning of 2017, under Ms. Peshin's management IAI's cyber activity was expended from a Directorate to a Division. She served until 2019 as the Director General (pro bono) of the Israeli Hi-Tech Caucus at the Knesset, the Israeli Parliament. Prior to assuming these roles, Ms. Peshin was the Managing Partner of ENP Solutions Ltd., a strategic management consulting firm; a Partner at Destino Ventures LLC, a private equity firm; and a Partner at Hope Ventures Ltd, a Distributor and Business Development house. Previously, Ms. Peshin was the CEO of Waterfall Security Solutions, a provider of a foolproof physical security gateway for homeland security and mission-critical installations. Before joining Waterfall, she held an Account Director position in the Lawful Interception division of Verint Systems, Inc. She served 11 years in the Israeli Defense Forces, in an elite technology unit, where she was Deputy Director.

Jean-Noël de Galzain

President of Hexatrust & Founder and CEO of WALLIX (Paris)

Jean-Noël de Galzain is the founder and CEO of WALLIX, the European cybersecurity leader in Identity & Access Security; listed on the Euronext / Alternext since June 2015 (ALLIX). Involved in the ecosystem of Innovation and Investment, Jean-Noël de Galzain is also Chairman of Hexatrust, which brings together FrenchTech cybersecurity champions; Chairman of the Project "Cybersecurity & Security of the IOT" of the French Sector; Vice President of the Systematic competitiveness cluster and Treasurer & Administrator of the "Revital Emploi" Fund.

Tom Koehler

**Vice Chairman Security Network Munich &
Head of Digital Risk KPMG (Munich)**

Tom joined KPMG in January 2020 as the Head of Digital Risk Platform. He has been recently appointed as the Global Head of KPMG Citizen Developer Program and as the Chief Technology Officer in KPMG Netherlands. He has a substantive track record in delivering high profile business strategy and management programs for cyber resilience and governance, risk & compliance (GRC). Tom specializes in helping organizations to develop their vision and strategy, setting their programs up for success and partnering with them to implement their planned digital transformation, cyber resilience and business outcomes. Previously, Tom has held a variety of senior executive roles at Global advisory and leading technology firms. He serves as the Vice Chair of Security Network Munich Association and is Co-Founder of Munich Cyber Security Conference.

Marina Kaljurand

**Member of the European Parliament,
Former Foreign Minister of Estonia (Tallinn)**

Marina Kaljurand was elected to the European Parliament in 2019. She is the Member of the Estonian Social Democratic Party and the S&D group of the EP. Kaljurand is a full member of the LIBE committee and substitute of the ITRE committee. She is currently a S&D shadow rapporteur for Terrorist Content Online file and the Digital Services own initiative report. She was a member of the UN Secretary General's High Level Panel on Digital Cooperation (2018-2019) and was twice appointed to the UN GGEs (2014-2017). She was the Chair of the Global Commission of Stability in Cyberspace (GCSC) from 2016 to 2019 (until election to the EP). Kaljurand had a long career in Estonian Foreign Service. She served as Estonian Ambassador to Russia, USA, Israel, Kazakhstan, Mexico and Canada. Kaljurand is the member of the European Leaders Network and Aspen Ministers' Forum. She also serves currently on the UN Secretary General's Advisory Board for Disarmament Matters.

SPEAKERS

Her Excellency, Ana Brnabic

Prime Minister, Republic of Serbia (Belgrade)

Ana Brnabic was born in 1975 in Belgrade. She holds a master's degree (MBA) from the University of Hull from the United Kingdom and has worked for more than ten years with international organisations, foreign investors, local governments and the public sector in Serbia. As Minister of Public Administration and Local Self-Government, she particularly worked on the reform of public administration through implementation of e-government in Serbia, so that the state would become a true service for citizens. The implementation of e-government in Serbia also meant a much more efficient and transparent administration and a tool for determined and practical fight against corruption. She is a member of the group "New Leaders for Europe" of the World Economic Forum and the Advisory Board of the organisation "World Minds", which brings together the world's most important innovators from all fields. She has received numerous awards for the development projects she has worked on, for the promotion of social responsibility and tolerance. She was elected as the Prime Minister of Serbia for the second time on 28 October 2020.

Helga Schmid

Secretary General OSCE (Vienna)

Helga Maria Schmid was appointed to the post of Secretary General of the OSCE in December 2020 for a three-year term. She first joined the diplomatic service as Assistant Private Secretary to the Minister for European Affairs (1990–1991). Since then she has held several prominent diplomatic positions during her career. Early on, she was Political Adviser to Foreign Minister Klaus Kinkel and Head of Cabinet to Foreign Minister Joschka Fischer; and just prior to her appointment as OSCE Secretary General, she was Secretary General for the European External Action Service. From 2011 to 2016, she was the Deputy Secretary General for Political Affairs for the European External Action Service. Preceding that, she was the Director of the Policy Planning and Early Warning Unit (Policy Unit) of the High Representative for the CFSP in the General Secretariat of the Council of the European Union in Brussels. Ms. Schmid has an MA in English and Romance languages, literature, history and politics (1980–1987) from Munich University (Ludwig Maximilians Universität) and the Sorbonne in Paris. Her mother tongue is German and she speaks fluent English and French.

Dr Sandro Gaycken

Director of Digital Society Institute at ESMT (Berlin)

Dr Sandro Gaycken is director of the Digital Society Institute at ESMT Berlin, a fellow of Oxford University's Martin College, an advisor to the Harvard-MIT group on cyber norms, a fellow at the German Council on Foreign Relations, and research director at Paris' Grand École Le CNAM. In his policy advisory work, he is a director in NATO's SPS program, authored the first cyber foreign policy strategy for Germany, issued numerous official statements in hearings, moderated interdepartmental dialogues, and was instrumental in the German-Chinese no-spy agreement. As an industrial advisor, he works with a range of German DAX-companies on board level, developed cyber insurance standards, security benchmarks, innovation strategies and buyer's guides. Sandro is also an active entrepreneur and founded four companies in the fields of cyber warfare and private intelligence, his latest one being MONARCH, the first full-spectrum private intelligence agency. He is a regular commentator in international media like Forbes, The Economist, The Financial Times, Wired, and a range of German outlets.

Robert Kośla

Director Dept. Cybersecurity,
Chancellery of the Prime Minister (Warsaw)

Robert Kosla is a graduate of the Military University of Technology in Warsaw - Cybernetics Faculty. From 1998-2008 he served as the Deputy Director of the Communication and Information Security Bureau in the Office of State Protection, and then Deputy Director of the ICT Security Department in the Internal Security Agency. From 2008-2018 he was Director at Microsoft CEE HQ in Munich for the National Security and Defense sector in the Central and Eastern Europe region, covering 23 countries, responsible for cybersecurity and implementation of new data processing technologies - including cloud computing. In October 2018, he returned to Government Administration to lead the Department of Cybersecurity at the Ministry of Digital Affairs in Poland, responsible for development of the National Cybersecurity System and establishment of the National Cybersecurity Certification System. Since October 2020 he manages Department of Cybersecurity in The Chancellery of The Prime Minister, e.g continuing development of the National Cybersecurity System, building secure Cloud Computing ecosystem in Poland and supporting Government Plenipotentiary for Cybersecurity and Cybersecurity Committee.

Werner Strasser

Founder & CEO Fragmentix (Vienna)

Werner Strasser is driven by his conviction on the need of digital sovereignty and dignity as a new human right. After 25 years of entrepreneurship in the IT during which he founded ProCom-Strasser GmbH, he founded the Austrian based fragmentiX Storage Solutions GmbH in July 2018 where he develops and produces quantum safe storage solutions in close cooperation with the AIT - Austrian Institute of Technology. Due to his professional experience as an IT security and IT forensic expert for several branches of the Austrian government he has a broad understanding of the importance of privacy problems which is the main reason why he devotes his working life to foster his vision of digital sovereignty not only for corporate and government organisations but also for individuals.

Cyril Dujardin

Head of Digital Security at Atos (Paris)

Since January 2021, Cyril Dujardin is Head of Digital Security of Atos, a global leader in secure and decarbonized digital. In this role, he is overseeing Atos Cybersecurity and National Security activities. He joined Atos in July 2015 as Head of Mission Critical Systems. Previously, Cyril spent 10 years in Morpho (now Idemia) where he held senior management positions in various international subsidiaries focused on Citizen Identity and Airport Security. He is graduated from French Ecole Polytechnique and Ecole Nationale des Ponts et Chaussées.

SPEAKERS

Sergej Epp

Chief Security Officer, Palo Alto Networks (Munich)

Sergej Epp is Chief Security Officer at Palo Alto Networks in Central Europe. In this role, he develops regional cybersecurity strategy and is overseeing cybersecurity operations and threat intelligence across the region. Prior to joining Palo Alto Networks, he spent nine years in a variety of cybersecurity roles at Deutsche Bank, where he built and led cyber defense & investigations teams focusing on cybercrime, malware, supply chain, insider threat, and fraud. Sergej studied at the Frankfurt School of Finance and Management and University of New Zealand. He participates regularly as a speaker at conferences, acts as executive lecturer for cybersecurity at Frankfurt School and is an advisor to venture capital funds and high-tech start-ups.

Dr Chris C. Demchak

Chair of Cyber Security, Cyber and Innovation Policy Institute, U.S. Naval War College (Newport, RI)

With degrees in engineering, economics, and comparative complex organization systems /political science, Dr Chris C. Demchak is the Grace M. Hopper Chair of Cyber Security and Senior Cyber Scholar, Cyber and Innovation Policy Institute, U.S. Naval War College. In published articles, books, and current research on cyberspace as a global, insecure, complex, conflict-prone "substrate," Demchak takes a socio-technical-economic systemic (STES) approach to comparative institutional evolution with emerging technologies, adversaries' cyber/AI/ML use in campaigns, virtual wargaming for strategic/operational organizational learning, and regional/national/enterprise-wide resilience against complex systems surprise. Her manuscript in-progress is entitled Cyber Westphalia: Rise of Great Systems Conflict and Democratic Collective Resilience. Her next manuscript is entitled Cyber Commands: Organizing for Cybered Great Systems Conflict.

Brooks Wallace

VP Sales EMEA, Deep Instinct (New York, NY)

Mr. Wallace is a cybersecurity sales leader with more than 20 year's experience building successful business to business sales teams across EMEA. As VP Sales EMEA at Deep Instinct, Wallace is responsible for the day-to-day leadership of a growing sales organisation and has rapidly established regional sales teams across Europe. Wallace is a frequent speaker at cybersecurity events and moderator of CISO round tables. Before joining Deep Instinct, Wallace held several senior sales leadership roles, including VP Sales at start-up Trusted Knight, and VP Sales at Trustwave as their first employee in EMEA, growing the business across EMEA before it was sold to Singtel in 2015. Wallace is a board advisor to Trusted Knight and angel investor in technology start-ups, including Ranked Right, an automated triage system for ranking vulnerabilities in order of a businesses risk appetite. Wallace has a Bachelor of Landscape Architecture from the University of Illinois, Champaign-Urbana, and spent two years at the University of Mississippi studying International Business and Finance.

Dr Gregor P. Schmitz

Editor-in-Chief Augsburger Allgemeine (Augsburg)

Gregor is currently editor-in-chief of Augsburger Allgemeine, with a daily circulation of more than 300.000 one of the largest German dailies. Prior to that, he served as Berlin bureau chief of WirtschaftsWoche, Germany's leading business magazine. Previously, he was Europe correspondent for DER SPIEGEL, Germany´s newsmagazine, in Brussels - and from 2007 to 2013 as Washington correspondent for the magazine, covering the White House and two presidential campaigns. Gregor was part of SPIEGEL's WikiLeaks and NSA coverage and was awarded the prestigious Arthur F. Burns and Henri Nannen Prize for his reporting. His best selling first book, co-authored with George Soros ("Wetten auf Europa - Warum Deutschland den Euro retten muss, um sich selbst zu retten"), was translated into more than ten languages worldwide. Before starting his work with SPIEGEL, Gregor headed the Brussels Office of Bertelsmann Foundation, one of Europe's largest think tanks. He is a graduate of Harvard University (MPA) and Cambridge University (MPhil) and holds a law degree from Munich University. He also studied at Sciences-Po Paris and earned a doctorate in political science. In addition to his writing, Gregor is a frequent radio and TV commentator. He is also a member of the Atlantic Council, a Young Leader of the American Council on Germany and a McCloy Scholar of the German National Merit Foundation. He was named "Editor-in-Chief 2020" and a "Journalist of the Year" by Germany's leading media publication Medium Magazin three years in a row.
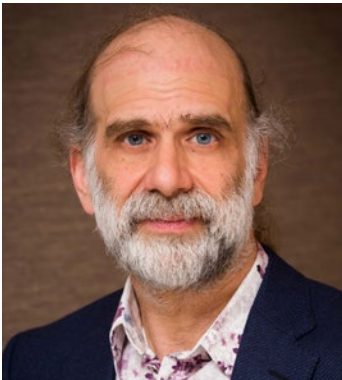
Bruce Schneider

Fellow and Lecturer Harvard Kennedy School (Cambridge, MA)

Bruce Schneier is an internationally renowned security technologist, called a "security guru" by the Economist. He is the New York Times best-selling author of 14 books -- including Click Here to Kill Everybody -- as well as hundreds of articles, essays, and academic papers. His influential newsletter Crypto-Gram and blog Schneier on Security are read by over 250,000 people. Schneier is a fellow at the Berkman-Klein Center for Internet and Society at Harvard University; a Lecturer in Public Policy at the Harvard Kennedy School; a board member of the Electronic Frontier Foundation, AccessNow, and the Tor Project; and an advisory board member of EPIC and VerifiedVoting.org. He is the Chief of Security Architecture at Inrupt, Inc.

Alex Stamos

Director Stanford Internet Observatory, Stanford University (Stanford, CA)

Alex Stamos is a cybersecurity expert, business leader and entrepreneur working to improve the security and safety of the Internet as the Director of the Stanford Internet Observatory. Stamos is an Adjunct Professor at Stanford's Freeman-Spogli Institute, a lecturer in the Computer Science department, and a visiting scholar at the Hoover Institution. As a Chief Security Officer at Facebook and Yahoo and a co-founder of iSEC Partners, Alex has investigated and responded to some of the most seminal events in the short history of cybersecurity, and has been called the "Forrest Gump of InfoSec" by friends. He is working on election security as a member of the Annan Commission on Elections and Democracy and advising NATO's Cybersecurity Center of Excellence. He has spoken on six continents, testified in Congress, served as an expert witness for the wrongly accused, earned a BSEE from UC Berkeley and holds five patents.

SPEAKERS

Thomas Tschersich

Chief Security Officer Deutsche Telekom (Bonn)

Thomas Tschersich, Diploma in engineering (University of Applied Sciences), is Chief Security Officer (CSO) of Deutsche Telekom AG. In this function, he is responsible for cyber security as well as all other operational security issues at Deutsche Telekom. Thomas Tschersich is also Chief Technology Officer (CTO) of Deutsche Telekom Security GmbH, which was founded on July 1, 2020. Tschersich, born in 1969, is Member of the Board of Deutschland sicher im Netz and active in numerous advisory functions, including being a member of the Cyber Security Council, the UP Kritis Council and the Advisory board of ENISA. After studying electrical power engineering at Dortmund University of Applied Sciences (Diploma in engineering), Thomas Tschersich joined Deutsche Telekom in 1995 and has held various management positions. After setting up the network security team at DeTeCSM until 2001, he took over as head of the security strategy and policy department at Telekom headquarters. From 2007 to 2009, he established the Technical Security Services division and then the Group IT Security division. After taking over as Head of Group Security Services in 2014, he held the position of Chief Security Officer of the Deutsche Telekom Group. He has been Head of Internal Security & Cyber Defense at Telekom Security since January 2017 and was appointed CSO of Deutsche Telekom AG in June 2019.

Kai Hermsen

Global Coordinator Charter of Trust, Siemens (Munich)

Kai Hermsen is the Global Coordinator for the Charter of Trust for Siemens, representing Siemens Cybersecurity to external organizations like the World Economic Forum and particularly the Charter of Trust. He is also responsible for implementing the Charter of Trust principles within Siemens and a member of the Siemens Cybersecurity Board. Previously, he has been leading the Siemens Cybersecurity strategy. The father of two is a strong believer, that technology has to serve society to be of value – Cybersecurity is a key component to enable exactly that. He has a business administration background.

Martin Clements

Security Advisor Credit Suisse (Zurich)

Martin Clements is an adviser to the Group Chairman and CEO of Credit Suisse Bank, covering inter alia cyber and related risks as well as digital innovation—he is a member of the Group Board's Innovation and Technology Committee and of the Credit Suisse Research Institute. He retired from the British Government in 2016 as Director General for Technology and Transformation at the United Kingdom's Foreign and Commonwealth Office, where he had served since the early 80's in various positions around the world with his work centring on technology and national security questions. Since retirement, and in addition to his role for Credit Suisse, Martin has held academic, advisory, non-executive and consulting positions, typically dealing with questions of leadership in the digital age.

Mihoko Matsubara

Chief Cyber Security Strategist NTT Corp. (Tokyo)

Mihoko Matsubara is Chief Cybersecurity Strategist, NTT Corporation, Tokyo, being responsible for cybersecurity thought leadership. She previously worked at the Japanese Ministry of Defense before her MA at the Johns Hopkins School of Advanced International Studies in Washington D.C. on Fulbright. Prior to NTT, she was VP and Public Sector Chief Security Officer for Asia-Pacific at Palo Alto Networks. She served on Japanese government's cybersecurity R&D policy committee between 2014 and 2018. Mihoko is a prolific writer and has published articles from the Council on Foreign Relations, Lawfare, New America, the RUSI Journal, etc. She published a cybersecurity book from the Shinchosha Publishing Co., Ltd in 2019, which was awarded by the Okawa Foundation for Information and Telecommunications in JFY 2020. She has spoken at various engagements internationally such as RSA Conference 2018 and 2019 in San Francisco, the EU Cyber Forum 2019 in Brussels, and CyCon 2015 and 2019 in Tallinn, Estonia. She is Adjunct Fellow at the Pacific Forum, Honolulu, and Associate Fellow at the Henry Jackson Society, London.

Ramon Mörl

Founder & Managing Director itWatch (Munich)

Since accomplishing his degree in Computer Science in 1987 at the technical University in Munich, Mr. Mörl consulted Companies regarding IT-Security. For well-known Companies such as HP, IBM, Siemens, ICL and Bull he had a leading role steering projects in Belgium, Germany, France, Italy, Austria, Switzerland and the USA. He acted as an independent evaluator and consultant for the European Union especially in regards to ECMA, IETF and ISO standards for IT Security. Since 2000 Mr. Mörl holds a patent for costefficient use of secure processes. In 2002 he founded as Managing Director itWatch GmbH.

Melody Balcet

Director Operational Risk, Barclays (Washington D.C.)

Melody Balcet (@MelodyBalcet) is Director, Operational Risk and US Head of Cyber, Technology, Data, and Resilience Risk at Barclays where she is building a US-based team to review and challenge technology risk within the second line of defense. She was previously the Director of the Global Cybersecurity Program at The AES Corporation, where she reported to the Global Chief Information Security Officer providing programmatic oversight of AES' global cybersecurity implementation. Prior to that, she spent over eleven years with IBM's Public Sector Cybersecurity and Biometrics service area leading its Defense and Intelligence Cybersecurity business and served government clients at Defense and Civilian agencies, including as an advisor on DoD-wide FISMA and cybersecurity performance measurement under the DoD Deputy Chief Information Officer for Cybersecurity. In 2018, she finished her term as President of the ISACA Greater Washington, D.C. Chapter with over 10 years on its Board of Directors and continues to volunteer with a number of non-profit organizations. Ms. Balcet holds an M.A. with Merit from the University of Manchester, Institute of Development Policy and Management (IDPM) and a B.A. from The College of William and Mary. She actively holds the Certified Information Systems Security Professional (CISSP) and Certified Information Security Manager (CISM) certifications. Ms. Balcet co-authored a chapter in "Protecting Our Future: Educating a Cybersecurity Workforce" and regularly speaks on GRC, cybersecurity measurement, workforce, and leadership topics.

SPEAKERS

Gordon Corera
Security Correspondent BBC (London)

Gordon Corera has been a Security Correspondent for BBC News since June 2004. In that role he covers national security issues including counter-terrorism, espionage and cyber security for BBC TV, Radio and Online. He was previously a foreign affairs reporter on the Today programme, BBC Radio 4's flagship news programme. Gordon has also been a State Department Correspondent based in Washington DC and the US Affairs Analyst for BBC News. He is the author of a number of books, most recently, Russians Among Us: Sleeper Cells, Ghost Stories and the Hunt for Putin's spies.

Lisa O. Monaco
Deputy Attorney General, U.S. Department of Justice (Washington D.C.)

Lisa O. Monaco is the 39th Deputy Attorney General of the United States. As the Deputy Attorney General, she is responsible for the overall supervision and direction of all organizational units of the Department of Justice, and she also advises and assists the Attorney General in formulating and implementing the Department's policies and programs. From 2013-2017, Deputy Attorney General Monaco was the Homeland Security and Counterterrorism Advisor to the President. In that role, she coordinated the Executive Branch's activities relating to matters of national security–including the response to international and domestic terrorist incidents, cyber threats, and natural disasters–and advised the President on all aspects of counterterrorism policy and strategy. From 2017 until 2021, the Deputy Attorney General was at a private law firm. She was born and raised in Massachusetts, and is a graduate of Harvard University as well as the University of Chicago Law School.

Roland Weigert
Vice Minister, State Government of Bavaria (Munich)

Roland Weigert was born in 1968 and grew up in Hohenried in the district of Neuburg-Schrobenhausen in Upper Bavaria. After passing his A levels and finishing his training as a wholesale and foreign trade merchant, he joined the Federal Armed Forces in 1990 as an officer. At the same time, Roland Weigert studied Business and Organizational Sciences at the University of the Federal Armed Forces in Munich and graduated with a diploma degree in Business Administration "Dipl.-Kaufmann (Univ.)". From 1999, he worked as economic officer in the district of Neuburg-Schrobenhausen and was elected in 2008 Administrative Head of District of Neuburg-Schrobenhausen. He held this position for more than 10 years and left this position after his election to the Bavarian State Parliament in 2018. In 2018, Roland Weigert became Vice Minister and member of the Bavarian State Government.

INSTITUTIONAL PARTNERS:

Information Security Forum (ISF)

Founded in 1989, the Information Security Forum (ISF) is an independent, not-for-profit organisation with a Membership comprising many of the world's leading organisations featured on the Fortune 500 and Forbes 2000 lists. It is dedicated to investigating, clarifying and resolving key issues in information security and risk management, by developing best practice methodologies, processes and solutions that meet the business needs of its Members.

ISF Threat Horizon

Threat Horizon 2021
The digital illusion shatters

1.1   5G technologies broaden attack surfaces

1.2   Manipulated machine learning sows confusion

1.3   Parasitic malware feasts on critical infrastructure

2.1   State-backed espionage targets next gen tech

2.2   Sabotaged cloud services freeze operations

2.3   Drones become both predator and prey

3.1   Digital vigilantes weaponise vulnerability disclosure

3.2   Big tech break up fractures business models

3.3   Rushed digital transformations destroy trust

Threat Horizon 2022
Digital and physical worlds collide

1.1   Augmented attacks distort reality

1.2   Behavioural analytics trigger a consumer backlash

1.3   Robo-helpers help themselves to data

2.1   Edge computing pushes security to the brink

2.2   Extreme weather wreaks havoc on infrastructure

2.3   The Internet of Forgotten Things bites back

3.1   Deepfakes tell true lies

3.2   The digital generation become the scammer's dream

3.3   Activists expose digital ethics abuse

Threat Horizon 2023
Security at a tipping point

1.1   **Artificial intelligence industrialises high-impact attacks**

1.2   **Automated defences backfire**

1.3   **Layered security causes complacency and confusion**

2.1   **Digital doppelgängers undermine identity**

2.2   **Biological data drives a rash of breaches**

2.3   **Gamed algorithms cause commercial confusion**

3.1   **Smart grids succumb to an attack surge**

3.2   **Isolationism creates a security disconnect**

3.3   **Security struggles to adjust to the never normal**

INSTITUTIONAL PARTNERS:

Munich Security Conference

Over the course of the past six decades, the Munich Security Conference (MSC) has developed into the world's leading forum for the debate of international security policy. Each February, it brings together more than 500 senior decision-makers and thought-leaders from around the world to engage in an intensive debate on current and future challenges. MSC provides a one-of-a-kind opportunity to discuss policy at the highest level in a protected and informal space and has repeatedly been rated as a leading think tank conference. In January 2021 the Munich Security Conference was acknowledged by the University of Pennsylvania's latest edition of the prestigious "Global Go To Think Tank Index Report" as the "Best Think Tank Conference" in the world for the fifth time – a special honor as the University of Pennsylvania surveys close to 2,000 world leading scholars, public and private donors, policymakers, and journalists for the index every year. In addition to its annual flagship conference, the MSC also regularly convenes high-profile events on selected topics and regions, and publishes the high-visibility Munich Security Reports. Our goal will always be to provide the best possible platforms for an open exchange of opinions, ideas, and solutions on the critical security policy issues of our time.

Aspen Institute Germany

The Aspen Institute Germany is an international, independent, and non-profit institution, which is committed to promoting value-based leadership with a strong focus on moral decision-making processes concerning foreign and security policy. The Aspen Institute pays particular attention to forming sustainable networks and on the establishment of an open and critical discourse among executives from Europe, the United States of America, as well as from the Western Balkans. Founded in Berlin in 1974, it is part of the global Aspen network, with partners in the U.S., France, Italy, the Czech Republic, Romania, Spain, Japan, India, Mexico, and the Ukraine. Together, the Institutes are committed to addressing the challenges of the 21st century.

Invest in Bavaria –
The Business Promotion Agency of the State of Bavaria

Since 1999, Invest in Bavaria assists companies from Germany and abroad to set up or expand business operations in Bavaria. Invest in Bavaria provides customized information, helps find the ideal location in Bavaria as well as identifies and connects with the key contacts required for project implementation: government agencies and associations as well as relevant local networks and partners. Invest in Bavaria is supported by the worldwide network of 26 Bavarian overseas representative offices and actively promotes Bavaria as a business location worldwide. The services offered by Invest in Bavaria are free of charge and all inquiries are, of course, treated confidentially.

Charter Of Trust

Founded in 2018 at the Munich Security Conference, the Charter of Trust was initiated by Siemens because of increasing daily life exposure to malicious cyber-attacks. Today, its members have transformed it into a unique initiative of leading global companies and organizations working together to make the digital world of tomorrow safer.

EnSure Collaborative

EnSure Collaborative comprises Europe's leading security and safety clusters, bringing together the continent's finest skills and competences across science, academia, business and the public sector. It is a network of clusters, interconnecting ecosystems, people and infrastructures in the field of security and safety, forming a European collaboration space. Its members engage in a variety of cross-border initiatives, fostering research and innovation to cement and enrich the competitiveness of the European market.

Global Commission on the Stability of Cyberspace

Launched at the Munich Security Conference in February 2017, the Global Commission on the Stability of Cyberspace is a group of 28 prominent, independent leaders in cyberspace from 16 countries, including former co-Chairs Marina Kaljurand (Estonia), Latha Reddy (India) and Michael Chertoff (USA). It engages the full range of stakeholders to develop proposals for norms and policies that enhance international security and stability, and guide responsible state and non-state behavior in cyberspace. It aims to bring the knowledge, expertise and perspectives of private actors and civil society, including the technical community and academia, into the traditionally state-led dialogue in international peace and security in cyberspace, to reflect the multi-stakeholder reality of this space.

Cyber Readiness Institute

The Cyber Readiness Institute is a non-profit initiative that convenes business leaders from across sectors and geographic regions to share resources and knowledge that inform the development of free cybersecurity tools for small and medium-sized enterprises (SMEs). Explore the building blocks of good cybersecurity with our Starter Kit or create a cyber readiness culture in your organization with the self-guided, online Cyber Readiness Program. Our Remote Work Resources and Hybrid Workplace Guides offer timely tips for addressing the evolving cyber challenges of today.

United Europe

United Europe is a non-profit, pro-European association set up in 2013 by prominentEuropean businesspeople, politicians and analysts. It was initiated by Wolfgang Schüssel, former Austrian chancellor, and Jürgen Grossmann, a German entrepreneur, who serves as treasurer. United Europe's goal is a strong and competitive Europe which regards the diversity of its cultures and peoples as a source of strength; to build a Europe that ensures peace, liberty and prosperity for the next generation. We believe in the power of ideas and the value of debate. On this basis, the non-profit association organises CEO roundtables, lectures and Young Professionals Seminars and cooperates with other organisations and institutions.

German Mittelstand e.V.

German Mittelstand e.V. is an association and business network promoting the very idea of "German Mittelstand", the backbone of the German economy. It acts as a strong network based on personal relationships offering contacts & know-how as well as support in business matters, inspiring and helping SMEs to move forward, especially by addressing future challenges of concern for medium-sized companies.

Digital Society Institiute Berlin

The Digital Society Institute (DSI) was founded in 2016 with a mission to bridge technology and society through research that places security and privacy at the center while considering social, business, legal and economic needs. In the short period of existence, DSI has become a trusted source for guidance on technological growth, ethics, and tech forecasting. We conduct a number of research projects and work with companies as well as public institutions. The DSI hosts a large number of workshops on the latest technological subjects for both industry and the public.

Deutschland sicher im Netz e.V.

Deutschland sicher im Netz e.V. (DsiN) is a nonprofit alliance of large companies and NGOs, providing comprehensive information, awareness campaigns and educational offers to consumers and businesses on issues of IT security. In June 2007 the Federal Ministry of the Interior became DsiN's patron (dsin.de).

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MCSC

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SECURITY NETWORK MUNICH
Europe's leading expert network for information security

The Security Network Munich (Sicherheitsnetzwerk München) is an association of leading players, organisations and research institutes in the field of information and cyber security in the greater Munich area. Our goal is to foster industry cooperation through joint research and innovation projects. Our members meet regularly to discuss pressing industry challenges with government and research institutions. We also convey the industry´s insights and concerns to a political and broader societal audience, through education and communication, spreading awareness of the importance of information security.

Set up as a project funded by the Bavarian Ministry of Economic Affairs nine years ago, the network founded the non-profit association "Sicherheitsnetzwerk München e.V." in January 2019. The new association will promote cooperation and exchange among its members across different industries and academia, foster innovation projects and education initiatives directed especially to students and young adults. The Security Network Munich is committed to engage -together with its partners- in awareness and best practice campaigns with special emphasize on SMEs.

For more information on the network and membership, please visit https://it-security-munich.net.

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