



C3SA

Cybersecurity Capacity Centre for Southern Africa



Global
Cyber Security
Capacity Centre



UNIVERSITY OF CAPE TOWN

IYUNIVESITHI YASEKAPA • UNIVERSITEIT VAN KAAPSTAD



OCSC
Oceania Cyber Security Centre

Global Constellation Annual Conference: Linking Cybersecurity Capacity Research to Development in Africa

Park Inn by Radisson, Newlands, Cape Town

Day 1: 02 November 2022

Conference Director: Zainab Ruhwanya

08:00 – 09:00: Welcome Coffee & Tea Conference Registration	
09:00 – 09:30	<p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Opening remarks Programme Chair: Wallace Chigona Constellation person: Carsten Rudolph Dean of Commerce, University of Cape Town, Prof Suki Goodman</p>
09:30 – 10:30	<p>Keynote: Cyberlaw in South Africa</p> <p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Keynote speaker:</p> <p>Lufuno Khorommbi Orizur Consulting Enterprise, Director and Cyber Law Consultant</p> <p>Chair: Zainab Ruhwanya, Lecturer in Information Systems & Cybersecurity Researcher, C3SA, University of Cape Town</p>
10:30 – 11:00: AM Coffee & Tea	
11:00 – 11:45	<p>Panel Discussion: Implementing the Cybersecurity Capacity Maturity Model (CMM): Lessons learnt in the African region</p> <p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Chair:</p> <p>Professor Wallace Chigona Professor of Information Systems, University of Cape Town Director of the Cybersecurity Capacity Centre for Southern Africa</p> <p>Panellists: Daud Suleiman, Director General of Malawi Communication Regulatory Authority</p> <p>Bala Fakandu, Office of National Security Adviser, Nigeria</p> <p>Rajnish Hawabhay, CERT-Mauritius</p>



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11:45 -12:45	Panel Discussion: GFCE cyber capacity building research agenda - Addressing knowledge gaps to support cyber capacity building efforts	
	<p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Chair: Enrico Calandro, GFCE Research Committee – Chair, Project Lead, Cyber4Dev</p> <p>Panellists: Kathleen Bei (GFCE Secretariat) Jean-Robert Hountomey (AfricaCERT) – <i>Remote Participation</i> Andrea Calderaro (GFCE Research Committee – Member) – TBC – <i>Remote Participation</i></p>	
12:45 – 13:45 Lunch and refreshments		
13:45 – 14:45	Research papers: Theme: Emerging capacity challenges and priorities since the pandemic	Research papers: Theme: Cybersecurity awareness in the African region
	<p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Chair: Irwin Brown, Professor of Information Systems, University of Cape Town.</p> <p><i>Cybersecurity Challenges and Consequences of Vehicular Ad-hoc Networks (VANETs) as an Emerging Technology in Africa,</i> Eunice Naa Korkoi Hammond & Henry Gidudu, University of Pretoria</p> <p><i>Using co-design to craft cybersecurity secure practices for rural communities in Africa: A case study from Northern Namibia,</i> Gabriel Tuhafeni Nhinda, Lecturer Informatics, Namibia University of Science and Technology</p>	<p>Room 2: Zoom Link https://bit.ly/3Ty32Lj</p> <p>Chair: Basie Von Solms, Professor of Cybersecurity, University of Johannesburg</p> <p><i>Exploring the cybersecurity practice of general members of the public in Cameroon,</i> Laban Bagui, University of Cape Town</p> <p><i>Distilling the encounters towards building a Namibian cybersecurity awareness platform</i> Attlee M. Gamundani, Namibia University of Science and Technology</p> <p><i>Co-designing a cybersecurity citizen centric framework for South Africa,</i> Nobert Rangarirai Jere, Walter Sisulu University</p>



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	<p>Cybersecurity in the workplace Patricia Esteve-Gonzalez, TBD, University of Oxford (Online)</p>	
14:45 – 15:30	Panel Discussion: Applying cyberpsychology to tackle the human factor in cybersecurity vulnerabilities	Panel Discussion: Cyber security a national pandemic: Who is safer from cyber-attacks?
	<p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Chair: David Moepeng, Digital Literacy/Cybersecurity Awareness Advocate</p> <p>Panellists: Daria J. Kuss, Associate Professor in Psychology, Nottingham Trent University, UK</p> <p>Hopeton Dunn, Professor of Communications Policy and Digital Media, University of Botswana</p> <p>Basie Von Solms, Professor of Cyber Security, University of Johannesburg</p>	<p>Room 2: Zoom Link https://bit.ly/3Ty32Lj</p> <p>Chair: Laban Bagui, Senior Researcher & CMM Deployment Lead, C3SA, University of Cape Town</p> <p>Panellists: Norbert Rangarirai Jere, Associate Professor, Walter Sisulu University & PAICTA Advisor</p> <p>Sonwabo Mdwaba, PAICTA President</p> <p>Nobubele Angel Shozi, CSIR – Data Intensive Research Initiative of South Africa (DIRISA)</p> <p>Attlee M. Gamundani, Senior Lecturer Computer Science Namibia University of Science and Technology</p> <p>Tinny Mgabile, Deputy Director: Information Security Department of Corporative Governance Traditional Affairs (COGTA)</p>
15:30 – 16:00 PM Coffee & Tea		



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16:00 – 16:45	Panel Discussion: Using cyber maturity methods in practise for capacity building: The case of Botswana	Panel Discussion: African Lessons in Cyber Strategy (Online)
	<p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Chair: Nick Small, Cyber4Dev</p> <p>Panellists: Victoria White, Southern Africa Cyber Lead, British High Commission</p> <p>Angela Matlapeng, CSIRT Team Leader, Botswana CSIRT (BOCRA)</p> <p>Don Stikvoort, EU Cyber4Dev, Cybersecurity Expert</p>	<p>Room 2: Zoom Link https://bit.ly/3Ty32Lj</p> <p>Chair: Laban Bagui, Senior Researcher & CMM Deployment Lead, C3SA, University of Cape Town</p> <p>Panellists: Nate D.F. Allen, Associate Professor for Africa Center for Strategic Studies / Stellenbosch University</p> <p>Abdul-Hakeem Ajjola, Chair of the African Union Cyber Security Expert Group (AUCSEG)</p>
16:45 – 17:30	Panel Discussion: Challenges for engagement in international cyber policy processes for developing countries	
	<p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Chair: Moliehi Makumane, Cyber Norms Senior Researcher, UNIDIR</p> <p>Panellists Enrico Calandro, GFCE Research Committee – Chair, Project Lead, Cyber4Dev Jacco-Pepijn Baljet, Netherlands Ministry of Foreign Affairs Martin Bierwirth, Germany Federal Office for Information Security</p>	
18:30 – 21:00 Gala Dinner & Networking		



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Day 2: 03 November 2022

Conference Director: Tendani Mulanga Chimboza

08:00 – 09:00: Welcome Coffee & Tea Conference Registration		
09:00 – 10:00		
Keynote: Beyond the Classic CMM		
Room 1: Zoom Link https://bit.ly/3Fbwt1C		
Keynote speaker:		
Basie Von Solms		
Professor of Cybersecurity, University of Johannesburg		
Chair: Nthabiseng Pule, Project and Outreach Manager		
10:00 – 11:00		
Research papers: Theme: Cybersecurity capacity building		Research Papers: Theme: Cybersecurity culture
Room 1: Zoom Link https://bit.ly/3Fbwt1C		Room 2: Zoom Link https://bit.ly/3Ty32Lj
Chair: Layani Thomas Mabasa, Professor of Education Studies, University of Limpopo.		Chair: Laban Bagui, Senior Researcher & CMM Deployment Lead, C3SA, University of Cape Town
<i>Creating a cybersecurity culture in higher education</i> , Jansen van Vuuren, Tshwane University of Technology		<i>Cybersecurity Maturity in Low-Income Nations - Integrating CERT Services in a Regional Framework (Online)</i> , Anthony Adams Cybersecurity researcher, Monash University
<i>Multiple key biometric authentication scheme for virtual workspaces</i> , Tapiwa Gundu, Nelson Mandela University		<i>Online scams and cybersecurity awareness in Nigeria: A systematic literature review</i> , Popyeni Kautondokwa, University of Cape Town
<i>AI Cybersecurity: Ontology as Capacity Creation</i> , Andrew Rens and Mark Gaffley, Research ICT Africa		<i>Privacy and security implications of the internet of everything: A contactless payments perspective during the Covid-19 pandemic (Online)</i> ,



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		Nomusa Nomhle Dlamini, University of Cape Town
11:00 – 11:30: AM Coffee & Tea		
11:30– 12:15	Panel Discussion: Building cybersecurity culture and capacity for a secured digital transformation	Panel Discussion: Sustainable approaches for cyber capacity building in practice – Experiences from Mauritius (Online)
	<p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Chair: Adv Lufuno Khorommbi</p> <p>Panellists</p> <p>Gugu Sema – 4IR Senior Manager: MICT SETA / Matome Madibana – CEO: MICT SETA</p> <p>Andile Stofile - Government and Corporate Affairs Lead: Microsoft</p> <p>Sonwabo Mdwaba – President: Pan African Information Communication Technology Association (PAICTA)</p> <p>Zoran Mitrovic – Professor Specialising in Cybersecurity – DUT and European Commission Research Executive Agency ICT expert</p>	<p>Room 2: Zoom Link https://bit.ly/3Ty32Lj</p> <p>Chair: Shallen Lusinga, Senior Researcher & CMM Deployment Lead, C3SA, University of Cape Town</p> <p>Panellist</p> <p>Hannes Krause, Cybersecurity Project Coordinator, Mauritius, Cyber4Dev</p> <p>Rajnish Hawabhay Chief Technology Officer, Ministry of Information Technology, Communication and Innovation, Mauritius</p>
12:15 – 13:15	Panel Discussion: Digital Security in the Media	Workshop: Interactive Discussion Round: Design and



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		Facilitation of Cybersecurity Policy Exercises
	<p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Chair: Brenda Nglazi Zulu, Journalist, Blogger, Online safety trainer and Digital Rights Defender</p> <p>Panellists: Yvonne Tshepang Mooka, Journalist, BBC Africa Eye Correspondent</p> <p>Susan Mwape, Executive Director, Common Cause Zambia</p> <p>John Tshinseki, President, Zambian Cyber Security Initiative Foundation</p>	<p>Room 2: Zoom Link https://bit.ly/3Ty32Lj</p> <p>Chair: Zainab Ruhwanya, Lecturer in Information Systems & Cybersecurity Researcher, C3SA, University of Cape Town</p> <p>Panellists: Lilian Georgieva-Weiche GIZ (Gesellschaft für Internationale Zusammenarbeit)</p> <p>Rebecca Beigel, Project Manager "International Cybersecurity Policy" Stiftung Neue Verantwortung</p>
13:15 – 13:30 Closing		
13:30 – 14:15 Lunch		
14:30 Trip to Groot Constantia: Wine Tasting & Networking		

Sponsors



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