

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



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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	
	Room 1: Zoom Link https://bit.ly/3Fbwt1C Chair: Enrico Calandro, GFCE Research Committee – Chair, Project Lead, Cyber4Dev Panellists: Kathleen Bei (GFCE Secretariat) Jean-Robert Hountomey (AfricaCERT) – <i>Remote Participation</i> Andrea Calderaro (GFCE Research Committee – Member) – TBC – <i>Remote Participation</i>	
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
	Room 1: Zoom Link https://bit.ly/3Fbwt1C Chair: Irwin Brown, Professor of Information Systems, University of Cape Town. <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 <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	Room 2: Zoom Link https://bit.ly/3Ty32Lj Chair: Basie Von Solms, Professor of Cybersecurity, University of Johannesburg <i>Exploring the cybersecurity practice of general members of the public in Cameroon,</i> Laban Bagui, University of Cape Town <i>Distilling the encounters towards building a Namibian cybersecurity awareness platform</i> Attlee M. Gamundani, Namibia University of Science and Technology <i>Co-designing a cybersecurity citizen centric framework for South Africa,</i> Nobert Rangarirai Jere, Walter Sisulu University



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	<i>Cybersecurity in the workplace</i> Patricia Esteve-Gonzalez, TBD, University of Oxford (Online)	
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?
	Room 1: Zoom Link https://bit.ly/3Fbwt1C Chair: David Moepeng, Digital Literacy/Cybersecurity Awareness Advocate Panellists: Daria J. Kuss , Associate Professor in Psychology, Nottingham Trent University, UK Hopeton Dunn , Professor of Communications Policy and Digital Media, University of Botswana Basie Von Solms , Professor of Cyber Security, University of Johannesburg	Room 2: Zoom Link https://bit.ly/3Ty32Lj Chair: Laban Bagui, Senior Researcher & CMM Deployment Lead, C3SA, University of Cape Town Panellists: Norbert Rangarirai Jere , Associate Professor, Walter Sisulu University & PAICTA Advisor Sonwabo Mdwaba , PAICTA President Nobubele Angel Shoji , CSIR – Data Intensive Research Initiative of South Africa (DIRISA) Attlee M. Gamundani , Senior Lecturer Computer Science Namibia University of Science and Technology Tinny Mgbile , Deputy Director: Information Security Department of Corporate Governance Traditional Affairs (COGTA)
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 Ajijola, 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	
	<p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Keynote speaker:</p> <p>Basie Von Solms</p> <p>Professor of Cybersecurity, University of Johannesburg</p> <p>Chair: Nthabiseng Pule, Project and Outreach Manager</p>	
10:00 – 11:00	Research papers: Theme: Cybersecurity capacity building	Research Papers: Theme: Cybersecurity culture
	<p>Room 1: Zoom Link https://bit.ly/3Fbwt1C</p> <p>Chair: Layani Thomas Mabasa, Professor of Education Studies, University of Limpopo.</p> <p><i>Creating a cybersecurity culture in higher education,</i> Jansen van Vuuren, Tshwane University of Technology</p> <p><i>Multiple key biometric authentication scheme for virtual workspaces,</i> Tapiwa Gundu, Nelson Mandela University</p> <p><i>AI Cybersecurity: Ontology as Capacity Creation,</i> Andrew Rens and Mark Gaffley, Research ICT Africa</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><i>Cybersecurity Maturity in Low-Income Nations - Integrating CERT Services in a Regional Framework (Online),</i> Anthony Adams Cybersecurity researcher, Monash University</p> <p><i>Online scams and cybersecurity awareness in Nigeria: A systematic literature review,</i> Popyeni Kautondokwa, University of Cape Town</p> <p><i>Privacy and security implications of the internet of everything: A contactless payments perspective during the Covid-19 pandemic (Online),</i></p>

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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)
	Room 1: Zoom Link https://bit.ly/3Fbwt1C Chair: Adv Lufuno Khorommbi Panellists Gugu Sema – 4IR Senior Manager: MICT SETA / Matome Madibana – CEO: MICT SETA Andile Stofile - Government and Corporate Affairs Lead: Microsoft Sonwabo Mdwaba – President: Pan African Information Communication Technology Association (PAICTA) Zoran Mitrovic – Professor Specialising in Cybersecurity – DUT and European Commission Research Executive Agency ICT expert	Room 2: Zoom Link https://bit.ly/3Ty32Lj Chair: Shallen Lusinga, Senior Researcher & CMM Deployment Lead, C3SA, University of Cape Town Panellist Hannes Krause , Cybersecurity Project Coordinator, Mauritius, Cyber4Dev Rajnish Hawabhay Chief Technology Officer, Ministry of Information Technology, Communication and Innovation, Mauritius
12:15 – 13:15	Panel Discussion: Digital Security in the Media	Workshop: Interactive Discussion Round: Design and

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

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