Time	Programme Directors: Nkosikhona Msweli , Sibukele Gumbo and Sarah Jembere
09:00 – 10:00	Arrival and Registration
10:00 – 10:10	Opening and Welcome	Prof Singh
10:10 – 11:30	Research Proposal and Thesis Report writing	Prof Nixon Muganda Ochara
11:30 – 11:45	Tea Break
11:45 – 13:00	Transforming the post-graduate supervision space	Prof Wallace Chigona
13:00 – 13:10	Factors Influencing Government's Commitment Towards Cybersecurity in Africa: A case of Namibia	Teofelus Tonateni Tuyeni
13:10 – 13:20	How Institutional Factors in Government Agencies Affect Developing Countries in the Realisation of National Cybersecurity Capacity Building Outcomes: A Case of Malawi	Chimwemwe Queen Mtegha
13:20 – 13:30	Evolving a framework to observe and analyse customer experience on the Twitter Platform using Machine Learning Techniques.	Thaneshni Moodley
13:30 – 14:20	Lunch
14:30 – 15:30	NLP and sentiment analysis	Prof Thakur and Yassen Khan
15:30 – 16:30	Hands-on workshop – Statistical Analysis	Dr Lateef Amusa and Ms Sibukele Gumbo
17:00 – 19:00	Opening Cocktail (African Sky, 11th floor)

Time	Programme Directors: Prof Colin Thakur and Prof Hossana Twinomurinzi
09:00 – 09:05	Welcome DUT DVC
09:05 – 09:10	Welcome NEMISA Board Chair
09:10 – 09:25	Minister keynote
09:25 – 09:30	Day overview

Track: Artificial Intelligence & Data Science | Chair: Prof Colin Thakur

Time	
09:30 – 09:50	The issues, challenges and impacts of implementing machine learning in the financial services sector: An outcome of a systematic literature review | Siphiwe Mndebele and Thembekile Mayayise
09:50 – 10:10	Evaluating the Impact of Organisational Resources and Big Data Analytics on Business Performance of South African E-Commerce SMMEs: A Systematic Literature Review | Marungwane Leshego Mogale
10:10 – 10:30	Tea break
10:30 – 10:50	Instructor's Competence Perceptions on Teaching Data Science: A PCK Framework | Nkosikhona Msweli, Tendani Mawela and Hossana Twinomurinzi
10:50 – 11:10	Keynote: Dr Mark Nasila

Track: Digital government | Chair: Prof Tendani Mawela

11:10 – 11:30	Understanding Digital Economy Dilemmas	Nixon Muganda Ochara
11:30 – 11:50	Negotiating Mobile Phone Usage for MHealth by Maternal Healthcare Clients Who Do Not Own Mobile Phones in rural Malawi	Priscilla Maliwichi, Wallace Chigona, Address Malata and Karen Sowon

Track: Online learning | Chair: Dr Samwel Mwapwele

11:50 – 12:10	Exploring critical factors for effective digital skills delivery towards meaningful outcomes in an online-first South African context	Dr. Natasha Katunga, Dr. Carlynn Pokpas, Dr. Leona Craffert
12:10 – 12:30	A framework for South African university students' online learning: Social presence, digital skills, and competencies	Ntombizethu Lubisis and Samwel Mwapwele
12:30 – 13:00	Towards improving learning experiences in self-paced online learning courses	Sibukele Gumbo and Hossana Twinomurinzi
13:00 – 14:00	Lunch

Track: Datathon solutions : Mr Joseph Ndaba

14:00 – 14:30	Datathon Background and Introduction of judges
14:30 – 15:00	Technology to track job opportunities | Hacker solution 1: Elite Vine
15:00 – 15:30	E-Village - Smart Village Data Processors Multi-Actor Platforms (MAPs) | Hacker solution 2: The Cortex
15:30 – 16:00	Falsify - An AI-driven chatbot | Hacker solution 3: A-team
16:00 – 16:30	Techgro for marine life | Hacker solution 4: TechGro
16:30 – 17:00	POE Intergrated Learning System | Hacker solution 5: FutureDX

Gala dinner (African Sky, 11th floor)

19:00 – 19:05	Opening and Welcome (Starters served) | Prof H Twinomurinzi
19:05 – 19:15	NEMISA PAAC Chair | Ms T Buswana
19:15 – 19:40	Keynote | Ms Cherly Benadie
19:40 – 19:50	Best Paper Awards | Prof T Mawela and Prof C Thakur
19:50 – 20:00	Hackathon winner announcement | Ms M Leshabane and Mr T Rammitlwa
20:00 – 21:00	Dinner is served

Time	Programme Directors: Prof Colin Thakur and Prof Hossana Twinomurinzi

Track: Online learning | Chair: Dr Samwel Mwapwele

Time	
09:00 – 09:20	Factors Contributing to Cybersecurity Education and Skills: A Systematic Literature Review	Prince Zaqueu and Tendani Mawela
09:20 – 09:40	Factors Affecting how University Students Comply with Cybersecurity Measures: A Case of South Africa	Papama Mtambeka, Chimwemwe Queen Mtegha, Wallace Chigona and Teofelus Tonateni Tuyeni
09:40– 10:00	ICT SMMES in South African Communities: Current Impact and Future Advancement through 4IR	Annelie Jordaan
10:00 – 10:30	Digital Skills Framework	Prof L Craffert (Round Table)

Track: Social Media | Chair: Dr Thembi Mayayise

Time	
10:30 – 10:50	Sentiment Analysis of South African tweets about COVID-19 vaccines	Thato Ditsele, Wallace Chigona and Malebo Sephodi
10:50 – 11:10	Habits for lifewide learning- A literature review on the role of AI and dark patterns on addictive online behaviour	Naomi Isabirye
11:10 – 11:30	Tea break

Track: Open Innovation| Chair: Prof Nixon Ochara

11:30 – 12:00	mobileDNA application used to explore location information | Julia Keddie, Renette Blignaut, Fallo Kanye, Lieven De Marez and Simon Perneel
12:00 – 12:30	Future of Work in Broadcasting | Naomi Isabirye, Trevor Rammitlwa, and Hossana Twinomurinzi
12:30 – 13:00	TBC | TBC
13:00 – 13:10	Closing Remarks | NEMISA CEO: Trevor Rammitlwa
13:10 – 14:00	Lunch