

Student Session: Programme

Day 1: 25 September 2023

Activity	Time	Portfolio	Speaker Details
Session 1	11:00 – 11:05	Learners & Students	Session 1 Moderator 1: Nicholas Xavier
	11:05 – 11:35	Learners & Students	The importance of student chapters within the African continent Presentation: Lebogang Moloto Chairperson of the South African Institute of Electrical Engineers UJ Student Chapter and UJ IEEE Smart Village Student Branch Advisory Board Member
	11:35 – 11:40	Learners & Students	Q & A Session: Session 1 Moderator 1
	11:40 – 12:10	Learners & Students	African Engineering Excellence Quiz for Young Minds: Ishana Ranchod and Lesego Legodi
	12: 10 – 12:15	Graduates	Session 1 Moderator 2: Dlozi Mnisi
	12: 15 – 12:55	Graduates	Embracing AI and advancing the 4IR - Career Opportunities for Graduates: 15 min for 4IR - Rendani Mamphiswana Head: Research and Innovation at Nafasi Water, Board Member at The Innovation Hub, a subsidiary of Gauteng Growth and Development Agency, advisory Board at University of Pretoria's Faculty of Engineering, Built Environment and Information Technology (EBIT), 4IR Commissioner, and TEDx Speaker. 15 min for AI elements - Boikanyo Radiokana Senior Data Scientist at Vodacom 15 min for Electronics/Robotics components by Kgotso Maja CEO of WallStreet Afreeka and Founder of Robotics 4 Kasi
	12:55 – 12:58	Graduates	Q & A Session: Session 1 Moderator 2
	12:58 – 13:00	Graduates	Closing Remarks: Session 1 Moderator 2

13:00 – 14:00		LUNCH BREAK	
Session 2	14:00 – 14:05	Graduates	Session 2 Moderator: Dlozi Mnisi
	14:05 – 14:30	Graduates	<p>Speed Mentoring:</p> <p>Yankho Banda Traffic & Transport Engineer at Tolcon Pty Ltd, Woman of Stature: Woman in Engineering 2022 Winner, SAICE Young Engineer Finalist '21</p> <p>Innocentia Mahlangu Snr Civil Engineer and Project Manager, Mail & Guardian's Top 200 Young South African, TEDxSpeaker, PMIFuture50, Global Award Winner, PMI Global Rising Leader, Author</p> <p>Kodwani Banda Project Manager at Hatch (Technologies Business Practice) SAIMM-YPC (Chairperson) (MSc. (Met) Wits, BSc. (Chem) Wits, ECSA Pr. Eng, PMP®) Chairperson (ECSA)</p> <p>Engineer 4 Mr James Motladiiele:</p>
	14:30 – 15:00	Graduates	<p>Building your network and professional brand (Platforms such as LinkedIn):</p> <p>15 min – Innocentia Mahlangu Snr Civil Engineer and Project Manager, Mail & Guardian's Top 200 Young South African, TEDxSpeaker, PMIFuture50, Global Award Winner, PMI Global Rising Leader, Author</p> <p>15 min – Takalani Netshipale Candidate Civil Engineer, SAICE 2022 Graduate Engineer, Big 5 Construct Impact Finalist 2023, Women in Transport Finalist 2022, SAICE Ethics Deputy Chairperson, SAICE STAR, Future Leaders Panel and D&I Member</p>
	15:00 – 15:05	Graduates	Q & A Session: Session 2 Moderator 1
	15:05 – 15:25	Young Professionals	<p>Why 50% is not good enough in Engineering:</p> <p>Prof f Johan de Koker (Institute of Professional Engineering Technologists - CEO)</p>
	15:25 – 15:27	Young Professionals	Q & A Session 2 Moderator: Dlozi Mnisi
	15:27 – 15:30	Young Professionals	Closing Remarks: Session 2 Moderator: Dlozi Mnisi

DAY 2: 26 September 2023

Activity	Time	Portfolio	Speaker Details
Session 1	11:00 – 11:05	Graduates	Session 1 Moderator: Tsebo Koena
	11:05 – 11:40	Graduates	Professional Registration for Engineering Practitioners: Guidelines on Overarching Principles: Yankho Banda Traffic & Transport Engineer at Tolcon Pty Ltd, Woman of Stature: Woman in Engineering 2022 Winner, SAICE Young Engineer Finalist '21
	11:40 – 12:00	Graduates	Q & A Session by Session 1 Moderator: Tsebo Koena
	12:50 – 13:00	Graduates	Closing Remarks: Session 1 Moderator
13:00 – 14:00		LUNCH BREAK	
Session 2	14:00 – 14:05	Young Professionals	Session 2 Moderator: Teboho Machabe
	14:05 – 14:35	Young Professionals	tedtalk - From Engineering to Entrepreneurship: Ayanda More
	14:35 – 15:10	Young Professionals	Chair - Ing. Benedict Atta Poku, PMP Panel Discussion - The role of young engineers in the future industrialization in Africa: Panelists: Swesha Machere CESA Young Engineer of the Year 2022, Mechanical Engineer, BVi Consulting Engineers Young Engineer 2022. CESA YPF Gauteng South Chairperson Confidence Mukovhe M&G Top 200 Young South Africans, Chief Engineer, UJ Council Member, CESA Young Engineer of the year Keith Katyora SANEA Young Engineer of the year 2020, M&G Top 200 Young South Africans 2019, Deputy Lead: USAID Southern Africa Energy Program Mantsie Hlakudi Accenture Rising Star 2021 winner, Chief Engineer Eskom - Transformers and Reactors, Deputy Chair SAIEE Central Gauteng Centre
	15:10 – 15:20	Young Professionals	Q & A Session: Session 2 Chair
	15:20 – 15:30	Young Professionals	Closing Remarks: Session 2 Moderator

	16:00-16:15	Students and Learners	Winners of the poster competition to deliver their presentations: Winners, Nicholas Xavier and Sewakhile Mthethwa
	16:15-17:00	Students and Learners	Straw Construction: An Engineering Challenge for High School Students: Nkateko Mashaba and Jojo Kayembe UJ Student Chapter

DAY 3: 27 September 2023

Activity	Time	Portfolio	Speaker Details
Awards	16:00-17:30	Student and Young Professionals	
	16:10 – 16:10		Welcome and Opening Remarks: - MC: Ms Nthabeleng Lentsoane Welcomes guests and introduces event
	16:10 – 16:20		Entertainment Segment
	16:20-17:00		Award Presentation: Trailblazing Young Engineer Presenter: Ms. Mathapelo Malao the Head: Energy, Environment & ICT Trailblazing Young Technologist: Presenter: Ms Keabetswe Pholo – Civil Technologist will be responsible for the award as a representative from ROHM Trailblazing Young Technician Presenter: Mr James Motladiile, Eskom. Trailblazing Graduate Engineer Presenter: Innocentia Mahlangu Pr Eng Designation: SAICE Diversity and Inclusivity Champion and Chairperson of the SAICE Education and Training Panel. Trailblazing Graduate Technologist Presenter: Johan de Koker Pr Tech Eng, Chief Engineering Technologist Trailblazing Graduate Technician Presenter: Eng Kgomotso Setlhapelo, Chair of SAIEE Gauteng Centre Prospective/Upcoming Engineering Professional (High School/TVET college) Presenter: Michael Mhlanga, Chairperson of the Young Professionals Local Organising committee
	17:00 - 17:15		Vote of Thanks

	17:15 - 17:20		Closing Remarks: - MC closes event
	17:20-17:30		Entertainment Segment