SingularityU South Africa Summit

#futureproofAfrica
In collaboration with

Global Partner

Strategic Partner
What is Singularity University?

Singularity University is a global learning and innovation community using exponential technologies to tackle the world’s biggest challenges and build a better future for all.

Our collaborative platform empowers individuals and organizations across the globe to learn, connect, and innovate breakthrough solutions using accelerating technologies like artificial intelligence, robotics, and digital biology. We offer educational programs, courses, and summits; enterprise strategy, leadership, and innovation programs; programs to support and scale startups and promote social impact; and online news and content. The SU community includes entrepreneurs, corporations, global nonprofits, governments, investors, and academic institutions in more than 127 countries. With over 5,000 impact initiatives, our community is driving positive change in the areas of health, environment, security, education, energy, food, prosperity, water, space, disaster resilience, shelter, and governance.

www.su.org
What is SingularityU South Africa?

SingularityU South Africa is proud to be one of the seven country partners of Singularity University and the first in Africa. As a catalyst for change, we run custom education, innovation and impact programmes that help others leverage rapidly accelerating technologies – including artificial intelligence, nanotechnology, blockchain, and digital biology – in innovative ways to unlock solutions that can positively impact millions, if not, billions of lives.

Our Massive Transformative Purpose, as SingularityU South Africa, is to build an empowered network of globally connected changemakers across Africa, who are able to innovate and implement solutions that will solve some of the continent’s (and the world’s) greatest challenges. We want to leapfrog Africa into the Fourth Industrial Revolution. We can do so by empowering its people to create abundant, sustainable and holistic ways of living and working. In this way, we can #futureproofAfrica. We, as Africans, need to lead the way during this wave of technological transformation. We need to leapfrog old ways of doing things rather than chase the tail of disruption.

www.singularityusouthafrica.org
What is a Massive Transformative Purpose (MTP)?

A Massive Transformative Purpose (MTP) is a business’ aspirational motivation that brings purpose, solves big problems, creates meaningful work, and helps drive future goals. Singularity University’s driving motivation is to “Positively impact the lives of a billion people”. MTPs are not just representative of what is possible today, they focus on creating a revolutionary future. The SingularityU South Africa Summit will help your business and organisation define its MTP and forge its way into the future.
What are the Exponential Technologies?
Mann Made, local organisers of the SingularityU South Africa Summit

Mann Made, founded by the three Mann brothers in 2000, is a level 2 BBBEE company of talented creatives, who are inspired to tell our clients’ stories through a variety of media and events. Mann Made has evolved into a brand experience company that has worked with multinational companies, Fortune 500 businesses and has executed global campaigns and events.

Singularity University has changed the way we think about our business and the future. We have immersed ourselves in the world of exponential technologies, bought 3D printers, invested in robots, augmented reality and artificial intelligence. This is because we understand that we live in extraordinary times, where progress is accelerating at an exponential rate.

Both Shayne and Mic Mann have completed the Senior Executive Programme at Singularity University’s headquarters at the NASA Ames Research Centre in the United States. They believe that SU’s approach to technology and exponential thinking can help to solve South Africa’s and the continent’s greatest challenges around unemployment, education, infrastructure, energy, and medicine among others.

As a result Mann Made has deepened their relationship with Singularity University and recently signed to become country partners, which will see the Singularity University brand spread across the continent with tailormade executive programmes and a local faculty. It’s our mission to future-proof Africa and we hope to meet you along the journey to abundance and prosperity.

www.mannmade.co.za
Global Grand Challenges

At Singularity University, we believe that leveraging the convergence of exponential technologies will set us on the path to solve our global grand challenges and shift from an era of scarcity to abundance.

In addressing each of the 12 global grand challenges, we aim to ensure that basic needs are met for all people, the quality of life is improved, and that future risks are mitigated.

Each of the global grand challenges are interrelated and interdependent. As we solve for the water challenge, we also address the health challenge. As we make progress against the education challenge, so we also address the prosperity challenge.

Resource Needs

- **Energy**
  Ample, accessible and sustainable energy for the needs of humanity.

- **Environment**
  Sustainable and equitable stewardship of Earth’s ecosystems for optimal functioning both globally and locally.

- **Food**
  Consumption of sufficient, safe, and nutritious food to maintain healthy and active lives for all people at all times.

- **Shelter**
  Secure, safe, and sustainable shelter for residence, recreation, and industry for all people at all times.

- **Space**
  Safe and equitable use and stewardship of space resources and technologies for the benefit of humanity and our future as a multi-planetary species.

- **Water**
  Ample and safe water for consumption, sanitation, industry, and recreation for all people at all times.

Societal Needs

- **Disaster Resilience**
  Effective and efficient disaster risk reduction, emergency response, and rehabilitation that saves lives and livelihoods, minimises economic loss, and builds resilience both globally and locally.

- **Governance**
  Equitable participation of all people in formal and societal governance that is in accordance with principles of justice and individual rights, free from discrimination and identity-based prejudices, and able to meet the needs of an exponentially changing world.

- **Health**
  Optimal physical and mental health, including access to cost-effective prevention, early diagnosis, and personalised therapy for individuals and communities.

- **Learning**
  Access to information and experiences that build knowledge and skills for all people at all stages of their lives for personal fulfilment and benefit to society.

- **Prosperity**
  Equitable access to economic and other opportunities for self-fulfilment where all people are free from poverty and able to thrive.

- **Security**
  Safety of all people from physical and psychological harm, including in virtual worlds; and protection of physical, financial, digital systems.
SingularityU South Africa

Become part of the community. Attend a local chapter event near you.

www.singularityusouthafrica.org
SingularityU South Africa’s faculty is a network of experts across various industries with significant breadth and depth of knowledge on a wide range of topics. Our SingularityU South Africa faculty help participants develop an exponential mindset to propel their organisations forward by providing a set of proven tools and frameworks to #futureproofAfrica.

www.singularityusouthafrica.org/faculty
SingularityU South Africa Summit

16 & 17 October 2019
Kyalami International Convention Centre

Book Now!
www.singularityusouthafricasummit.org
#futureproofAfrica
SingularityU South Africa Executive Programme

1 - 4 September 2019

Join SingularityU South Africa’s world-class faculty, as well as international faculty experts in creating your organisations’ and the world’s future.

Apply Now!

www.singularityusouthafrica.org/executive-programme