

# People Skills

## ONLINE SHORT COURSES

The SAIMM in collaboration with SiMine are offering short courses specifically designed for the minerals industry professional. Concepts and skills taught during the courses can be implemented at any level. Interaction is encouraged as well as sharing experiences with industry peers will allow for a more integrated learning experience.



**SAIMM**  
THE SOUTHERN AFRICAN INSTITUTE  
OF MINING AND METALLURGY



### ONLINE COURSE

## The Art of Effective Meetings

**6 July 2022**  
**9am-12pm**  
**Online via Zoom**

**Course Content:** Introduction to key techniques and practical tools to lead effective meetings.

**Expected Outcomes:**

Understanding of techniques and tools that can be applied to lead effective meetings. How to leverage a team's collective intelligence and experience.

**Agenda/Course Content:**

- Fundamentals of facilitation
- Meeting Preparation
- Meeting Roles
- Meeting Agenda Activity
- Interventions

**Facilitator:** Connie & Mpho

### ONLINE COURSE

## Consensus - How to grow a highly interactive and innovating team

**3 August 2022**  
**9am-12pm**  
**Online via Zoom**

**Course Content:** Understanding how questions are a powerful facilitation tool and learning a workshop tool that can help you get the most interaction and creative solutions out of all team members.

**Expected Outcomes:** How to ask good open-ended questions, and how to facilitate a workshop that achieves consensus.

**Agenda/Course Content:**

- The power of questions
- Understanding agreement
- Introduction to the consensus process
- An interactive demonstration of the consensus process

**Facilitator:** Peter & Mpho

### ONLINE COURSE

## Data-based decision-making

**7 September**  
**9am-12pm**  
**Online via Zoom**

**Course Content:** Determining constraining activities in a value chain and which corresponding levers that can impact change.

**Expected Outcomes:**

How to calculate the production capacity of elements in a value chain; how to build a time and throughput model for a process activity; and building a value driver tree using software.

**Agenda/Course Content:**

- Value stream mapping
- Takt time calculation
- What is a Value Driver Tree?
- An interactive demonstration of building a VDT.

**Facilitators:** Vuuma Team (Mpho, Peter, Stephen, Jean-Marc, Connie)

### COST

R700 per course  
R500 per course

R350 per course  
R1500

**Non-SAIMM Member**  
**SAIMM Member and Young Professional**  
**(35 years and younger working in the minerals industry)**  
**Students**  
**Book all three courses**

FOR FURTHER  
INFORMATION,  
CONTACT:

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Head of Conferencing

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## MEET THE FACILITATORS

### SiMINE Profile

SiMINE Solutions is Vuuma Collaborations' game-based training center situated at the Mandela Mining Precinct. Our unique training approach incorporates our flagship physical mining simulation and its Digital Twin replica to build lean, six sigma, and systems thinking capabilities. We collaborate with senior executives in mining industry to build the system elements that will take the mining industry forward. Our platform is utilised for both experiential skills development, which hosts numerous cognitive, behavioural, and affective benefits, and as a test bed or IR 4.0 organisation design and technologies.

### Mpho Phalwane

Head of Operations for SiMINE  
*B.Sc. Engineering (Metallurgy and Materials), University of the Witwatersrand.*



Mpho has 12 years' experience in the Mining Industry. She started her career at Mintek as a process engineer, developing and optimizing conceptual flowsheet with a focus in flotation, physical separation, and hydrometallurgy. Later she branched into sustainable development in mining and joined the national team for rehabilitating derelict and ownerless mines across the country and undertaking a master's degree with UCT for Sustainable Minerals Development focusing on Mine Closure. Later she joined a new green field operation, Gamsberg, where she served as Technical Metallurgist, responsible for the technical performance of the concentration plant. She currently works as a business scientist for Vuuma Collaborations and is Head of Operations for its simulation and game-based training subsidiary, SiMINE.

### Peter Makuvisе

Business Scientist and Facilitator  
*MBA (Business Administration, Management, and Operations), Wits Business School • B.Sc. Hons. (Metallurgical Engineering), University of Zimbabwe*



Peter is an experienced Business Improvement and Process Consultant with over 12 years of experience working in the mining & mineral resources industry from production to consultancy. He is skilled in business strategy formulation, new business development, business improvement through qualitative & quantitative data analytics, plant production management, asset evaluation & business financial modelling for processing plants. He is passionate about advancing Systems Thinking capabilities for Mining 4.0, Organisation Design for mine-4-the-future and the use of data in decision making.

### Connie Chijara

Business Scientist and Facilitator  
*B.Sc. Engineering (Industrial Engineering), University of the Witwatersrand*



Connie has expertise in business improvement and is spearheading the data-driven decision-making projects centered around Value Driver Trees. She has been facilitating Organisational Systems Capability training for 2 years. She is also a member of the SAIMM YPC Council 2021/2022 and frequently chairs its webinars.

### Stephen Anyera

Business Scientist and Facilitator  
*B.Sc. Engineering (Industrial Engineering), University of the Witwatersrand*



Stephen has been able to grow in understanding Operations Management Systems, Value Driver Trees, and work performance measurement and how these aspects inevitably affect workflows, strategies, and the success of organisations.

### Jean-Marc Kruger

Business Scientist and Facilitator  
*Bachelor of Engineering (Industrial Engineering), University of Pretoria*



Jean is a business improvement professional with a focus on applying systems thinking, lean principles, operational systems capability methodologies and project management tools in projects across multiple industries.

### FOR FURTHER INFORMATION, CONTACT:

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