

# The SAIEE Nuclear Chapter Launch

Thursday 28 November 2019 - Thursday 28 November 2019

Sandton Convention Centre



**Inaugural Conference  
SAIEE Nuclear Chapter**



## Book of Abstracts



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**Session 1 : Welcome and Introduction / 0**

## **Welcome Address**

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Welcome Address - President of SAIEE

**Session 1 : Welcome and Introduction / 1**

## **Introduction to the Power and Energy Section**

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Introduction to the Power and Energy Section - Chair

**Session 1 : Welcome and Introduction / 2**

## **Introduction to the Nuclear Chapter**

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Introduction to the Nuclear Chapter - Chair

**Session 1 : Taking Stock: South African Nuclear Power / 4**

## **Koeberg, History and Life Extension**

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Koeberg, History and Life Extension

**Session 1 : Taking Stock: South African Nuclear Power / 5**

## **Nuclear New Build, history and prospect**

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Nuclear New Build, history and prospect

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## **Small Modular Reactors, PBMR and others**

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Small Modular Reactors, PBMR and others

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## **South African Regulatory History**

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South African Regulatory History

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## **Taking Stock: South African Nuclear Technology**

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Taking Stock: South African Nuclear Technology

**Session 2 : Taking Stock: South African Nuclear Technology / 9**

## **Early Years 1940s-1960s**

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Early Years 1940s-1960s

## **Session 2 : Taking Stock: South African Nuclear Technology / 10**

### **Pelindaba, 1960s - present**

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Pelindaba, 1960s - present

## **Session 2 : Taking Stock: South African Nuclear Technology / 11**

### **SAFARI-1 – recent history, present and future**

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SAFARI-1 – recent history, present and future

## **Session 2 : Taking Stock: South African Nuclear Technology / 12**

### **OSCAR: Reactor Simulation and Design**

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OSCAR: Reactor Simulation and Design

## **Session 2 : Taking Stock: South African Nuclear Technology / 13**

### **Radioactive Waste Management**

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Radioactive Waste Management

## **Session 2 : Taking Stock: South African Nuclear Technology / 14**

### **Nuclear Science related training**

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Nuclear Science related training

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### **Comments by the Sponsor**

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