



South African
Institute of Foundrymen

TECHNICAL PRESENTATION EVENING

Technical Presentation Evening

Preparedness of South African Green Sand Foundries for Data Analytics and Industry 4.0



20
YEARS
2005
2025



Sponsored by:
Metal Casting Technology Station
University of Johannesburg



Tuesday, 25 August 2026



Belgravia Bowling Club



17:45 – 18:00

Date	Time	Venue
Tuesday, 25 August 2026	17:45 for 18:00	Belgravia Bowling Club

Dear Members of Industry,

The South African Institute of Foundrymen invites you to attend our upcoming **Technical Presentation Evening** on **Tuesday, 25 August 2026**, sponsored by the **Metal Casting Technology Station – University of Johannesburg**.

This presentation will explore the preparedness of automated and semi-automated South African green sand foundries for the adoption of **data analytics** and **Industry 4.0** practices.

The session will provide a comparative assessment of the advantages, challenges, and opportunities associated with digital transformation in green sand foundry

operations, with relevance to the South African foundry and metal casting sector.

Presentation Overview

Title: Preparedness of Automated and Semi-Automated South African Green Sand Foundries for Data Analytics and Industry 4.0

Sub-title: A Comparative Assessment of Advantages, Challenges, and Opportunities

Presenter: Mr Farai Banganayi

Designation: Senior Station Engineer

Sponsor: Metal Casting Technology Station – University of Johannesburg

Event Details

Date: Tuesday, 25 August 2026

Time: 17:45 for 18:00 to 19:00

Venue: Belgravia Bowling Club, Florence Street, Bedfordview/Germiston

RSVP: SAIF Office — mbiljon@uj.ac.za

Please confirm your attendance by no later than **Friday, 21 August 2026** to assist with catering and seating arrangements.

RSVP to: Marina Biljon

Email: mbiljon@uj.ac.za

Tel: [+27 \(11\) 559 6455](tel:+27115596455)

We look forward to welcoming members of the foundry industry for an informative and relevant technical evening.

Kind regards,
South African Institute of Foundrymen

South African Institute of Foundrymen

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Metal Casting Technology Station
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South Africa

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