



**South African
Institute of Foundrymen**

TECHNICAL PRESENTATION EVENING

Leveraging AI to Improve Ductile Iron Quality in South Africa



Sponsored by:

**Metal Casting Technology Station
University of Johannesburg**

AI-Enabled Quality Improvement for Ductile Iron Foundries

A South African foundry case study across 8 facilities

Date	Time	Venue
Tuesday, 21 July 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, 21 July 2026, sponsored by the **Metal Casting Technology Station at the University of Johannesburg**.

This presentation will explore the role of AI-enabled tools in addressing quality and consistency challenges within South Africa's ductile iron production sector.

Based on a case study conducted across **8 foundries in Gauteng, KwaZulu-Natal, and the Northern Cape**, the presentation will highlight key challenges observed across these facilities and examine how AI tools may assist in minimising or eliminating recurring quality issues.

Presentation Overview:

Title: Leveraging AI to Improve Ductile Iron Quality in South Africa

Presenter: Mr Daniel Sekotlong

Designation: Project Leader

Organisation: Metal Casting Technology Station, University of Johannesburg

Presentation Focus:

To what extent can AI tools be leveraged to address quality and consistency challenges in South Africa's ductile iron production?

Event Details:

Date: Tuesday, 21 July 2026

Time: 17:45 for 18:00

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

Sponsor: Metal Casting Technology Station, University of Johannesburg

Please confirm your attendance by no later than **Friday, 17 July 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

University of Johannesburg
Metal Casting Technology Station
Room G101, John ORR Building,
Corner Siemert and Beit Street,
Doornfontein, Gauteng
South Africa

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