



# SCHOOL PRODUCTION of CLEAN STEEL

25–26 July 2016

Mintek, Johannesburg



## FINAL PROGRAMME

### Day 1 – Monday 25 July 2016

- 06:30–07:30 **Registration opens and early morning refreshments**
- 07:30–07:45 **Opening by Conference Chairperson**  
Joalet Steenkamp
- 07:45–08:00 **SAIMM Presidential Address**  
Rodney Jones
- Session 1** Isabel Geldenhuys, *Mintek*
- 08:00–08:30 **Lecture: What is clean steel?**  
Chris Pistorius
- 08:30–10:20 **Lecture: Processing fundamentals: reactions; nature of slag and metal**  
Chris Pistorius
- 10:20–10:30 **Sponsor Presentation – Advanced Laboratory Solutions**
- 10:30–11:00 **Mid-morning refreshment and presentation of posters**
- Session 2** Quinn Reynolds, *Mintek*
- 11:00–12:30 **Lecture: Relevant process conditions (blast furnace, converter, electric arc furnace, ladle furnace, degasser and caster)**  
Chris Pistorius
- Session 3** Pieter van Wyk, *Scaw Metals*
- 12:30–13:30 **Lunch**
- 13:30–15:00 **Lectures: Control of dissolved elements**  
Chris Pistorius
- Session 4** Hendrik Potgieter, *ArcelorMittal South Africa*
- 15:00–15:30 **Mid-afternoon refreshments and presentation of posters**
- 15:30–16:50 **Lectures: Control of dissolved elements (cont.)**  
Chris Pistorius
- 16:50–17:00 **Closing Remarks of Day 1**  
Joalet Steenkamp
- 17:00–19:00 **Networking cocktail function and adjudication of posters**

### Day 2 – Tuesday 26 July 2016

- 06:30–07:30 **Registration opens**
- 07:30–07:40 **Opening by Conference Chairman**  
Joalet Steenkamp
- 07:40–09:00 **Networking Breakfast & Presentation on History of Iron- and Steelmaking in South Africa**  
Harry Delpont
- Session 1** Markus Erwee, *Mintek*
- 09:00–10:30 **Lecture: Principles of inclusion control**  
Chris Pistorius
- 10:30–11:00 **Mid-morning refreshment and presentation of posters**
- Session 2** Elzaan Behrens-Marivate, *Injection Alloys*
- 11:00–12:30 **Lecture: Sources of micro-inclusions**  
Chris Pistorius
- 12:30–13:30 **Lunch**
- Session 3** Wesley Banda, *Mintek*
- 13:30–15:00 **Lecture: Assessing micro-inclusions**  
Chris Pistorius
- 15:00–15:30 **Mid-afternoon refreshments and presentation of posters**
- Session 4** Aphelele Sithole, *Mintek*
- 15:30–16:30 **Lecture: Summary**  
Chris Pistorius
- 16:30–17:00 **Closing remarks and announcement of Prize Winner**  
Joalet Steenkamp