

International Friction Processing Seminar & Workshop 2011

Advances in Friction Processing Technology in South Africa
HOSTED BY THE NMMU



DATE 31 August 2011 – 01 September (2 Days)

PLACE North Campus Conference Centre, Nelson Mandela Metropolitan University, Summerstrand, Port Elizabeth, South Africa

CPD PRE-ACCREDITED ITEMS LIST FOR 2 CPD POINTS

WHO SHOULD ATTEND

Anyone interested in friction stir welding or processing, from a basic understanding of the process and materials used, to those interested in how a process can be integrated and optimised for various manufacturing applications. It is our goal to bring both academia and industry together so that they may both benefit from interaction and information sharing. This includes end-users and scientists as well as engineers and technicians engaged in developing friction processing technology for the manufacturing and joining of various components, alloys and materials.

SEMINAR TOPICS

Process development

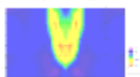
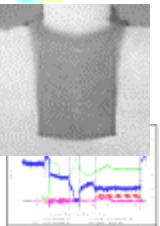
- Friction Stir Welding
- Friction Stir Processing Techniques
- Friction Hydro Pillar Processing
- Friction Taper Stud Welding

New developments

- Joining of high temperature metals
- Dissimilar metal welds
- Industrial applications
- New tool materials / designs

Material / Process characterisation

- Microscopy techniques
- Metallurgical evaluation
- Mechanical properties
- Residual stress analysis
- Joining of non-metal structures



ISBN number available with IFPS proceedings

To conclude the seminar the NMMU will be hosting an **International Friction Processing Workshop for industry** to discuss the strategic direction of **Friction Processing** research in South Africa. Discussions with international stakeholders and international collaboration teams will assist in strategically aligning research activities and to establish possible research collaboration.

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DELEGATE FEE

The delegate fee includes seminar and workshop participation, proceedings, lunches and refreshments.

REGISTRATION FORM

<u>Surname</u>	
<u>Initial(s)</u>	
<u>First name(s)</u>	
<u>Title: (Prof/Dr/Mr/Ms)</u>	
<u>Organisation</u>	
<u>VAT number</u>	
<u>Postal Address</u>	
<u>Post code</u>	
<u>Telephone number</u>	
<u>Fax</u>	
<u>Email</u>	
<u>Special dietary requirements</u>	

Please mark the applicable block

I wish to register:

- As delegate attending the seminar (incl. workshop attendance) (R1750)
- As student attending the seminar (incl. workshop attendance) (R875) – Attach a copy of student registration
- As industry delegate attending the 1 day workshop only (R250)

**PLEASE SUBMIT COMPLETED REGISTRATION FORM TO THE SEMINAR SECRETARIAT BY
NO LATER THEN 18 AUGUST 2011**

Payment details will be communicated once registration is received

Seminar Secretary

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Cancellation of registration

Delegates who cancel their seminar registration will be liable to pay a cancellation fee of 20% of registration fee.