



3rd International Round Table on Thermal Plasmas for Industrial Applications

31 October — 4 November 2011

Glenburn Lodge, Johannesburg
South Africa

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4 April 2011.

Professor Heji HUANG
Institute of Mechanics
Chinese Academy of Sciences
Beijing, China

Dear Prof Huang

The success of the two previous workshops on thermal plasmas in Sharm el Sheikh, Egypt, January 2007 and in Alexandria, Egypt, October 2009, as well as the positive feedback obtained from participants of these workshops, encouraged us to plan a third meeting devoted to a very important issue related to the industrial use of thermal plasmas, that of **plasma process reliability and scaling**. As previously, we have selected thermal plasma application areas for which these issues will be discussed. Special one-day sessions are planned in the following areas:

- Plasma metallurgy,
- Plasma coating technologies,
- Plasma cutting and welding,
- Nano-powder synthesis,
- Plasma waste treatment,
- Plasma technology for nuclear applications

This 3rd Round Table on Thermal Plasmas for Industrial Applications is to take place from 31st October, 2011, to 4th November, 2011 in the Gauteng Province of South Africa.

Because of your expertise in the area of the **unsteady phenomena in non-transferred dc arc plasma generators**, we would like to invite you to participate in this workshop by presenting an invited lecture and sharing with us your vision of the field. This workshop will offer a unique opportunity to reflect with leading scientists in our field on how far we have come and what to expect in the future. Because of the need to limit the total number of participants to between fifty and one hundred, and to ensure open discussions with industrial and academic members, we will appreciate receiving your response to this invitation as soon as possible but no later than **April 20 2011**.

Besides the scientific part of the conference, there will be some very exciting social activities in the beautiful surroundings of Johannesburg, South Africa.

We look forward to having you with us at this very special event. Please feel free to contact any one of us for more information or specific suggestions for the meeting.

Amicalement

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