ExtruAfrica™

Extrusion in Africa for Africa - Educating the nation

Training Seminar & Conference week
30 July - 2 August 2013
Protea Hotel, Kruger Gate, South Africa

Hear from-

Dr Mian Riaz
Director, Food Protein R&D Centre, Head - Extrusion Technology Program
Texas A&M University, College Station, Texas, USA

Mrs Nomfuneko Majaja
Chief Director, Advanced Manufacturing, Department of Trade and Industry, South Africa

Prof Herman van Schalkwyk
Agricultural economist and Rector of North-West University, Potchefstroom, South Africa

Prof LJ Grobler
Dean: Faculty of Engineering North-West University, Potchefstroom, South Africa

Explore the potential of Extrusion in Africa

Who will benefit from attending?

- Government economic development agencies
- Entrepreneurs looking into starting an extrusion plant
- Food Processors interested in new technology
- Producers of agricultural produce interested in adding value
## Training Seminar

**30 - 31 July 2013**

Protea Hotel, Kruger Gate, South Africa

### Programme:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Session</th>
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<tr>
<td><strong>Monday, 29 July</strong></td>
<td>16:00</td>
<td>Registration</td>
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<tr>
<td></td>
<td>17:00</td>
<td>Meet and greet on the deck</td>
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<tr>
<td><strong>Tuesday, 30 July</strong></td>
<td>08:30</td>
<td>Opening, welcome and participant assessment</td>
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<td></td>
<td></td>
<td><strong>Prof LJ Grobler</strong></td>
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<tr>
<td></td>
<td>08:50</td>
<td>Introduction to extrusion</td>
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<td><strong>Dr Mian Riaz</strong></td>
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<td></td>
<td>10:20</td>
<td>Tea and Coffee</td>
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<td></td>
<td>10:50</td>
<td>Different raw materials and their effect on the extrusion process</td>
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<td><strong>Dr Mian Riaz</strong></td>
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<td></td>
<td>11:45</td>
<td>Processing and preconditioning for extrusion of raw materials</td>
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<td></td>
<td><strong>Dr Mian Riaz</strong></td>
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<tr>
<td></td>
<td>12:30</td>
<td>Extrusion processing of aquafeeds</td>
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<td></td>
<td></td>
<td><strong>Mr Doug Baldwin</strong></td>
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<tr>
<td></td>
<td>13:15</td>
<td>Lunch</td>
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<td></td>
<td>14:00</td>
<td>Practical demo - Full fat soya, Floating aquafeeds</td>
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<td>15:00</td>
<td>Single and twin-screw extruders and their applications in food and feed extrusion</td>
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<td><strong>Dr Mian Riaz</strong></td>
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<td>16:00</td>
<td>Extrusion processing of various soy based products, including full fat soy, textured protein products and corn-soy blends</td>
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<td><strong>Dr Mian Riaz</strong></td>
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<td>18:00</td>
<td>Sundowners &amp; Boma dinner</td>
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<tr>
<td><strong>Wednesday, 31 July</strong></td>
<td>08:30</td>
<td>Extrusion processing of food products, including snacks, breakfast cereals, confectionary products etc</td>
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<td><strong>Dr Mian Riaz</strong></td>
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<td>09:30</td>
<td>Extrusion processing of feed and pet food products</td>
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<td><strong>Dr Mian Riaz</strong></td>
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<td>10:00</td>
<td>Drying technologies for extruded products</td>
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<td><strong>Mr Doug Baldwin</strong></td>
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<td></td>
<td>11:00</td>
<td>Tea and Coffee</td>
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<tr>
<td></td>
<td>11:30</td>
<td>Extrusion processing plant quality control and product development</td>
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<td><strong>Dr Mian Riaz</strong></td>
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<td></td>
<td>12:15</td>
<td>Energy management in an extrusion plant</td>
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<td><strong>Prof LJ Grobler</strong></td>
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<td>13:00</td>
<td>Lunch</td>
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<td></td>
<td>14:00</td>
<td>Food safety for the extrusion processor</td>
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<td><strong>Dr Mian Riaz</strong></td>
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<td>14:45</td>
<td>Interactive session, covering topics identified by participant needs assessment</td>
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<td><strong>Dr Mian Riaz</strong></td>
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<td></td>
<td>16:15</td>
<td>Closing and practical demo - Texturised soy protein, Maize-soy extruded snacks</td>
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ExtruAfrica Conference
1 & 2 August, 2013
Protea Hotel, Kruger Gate, South Africa

Programme:

Wednesday, 31 July

16:00  Registration
17:00  Meet on the deck overlooking the river
17:30  Optional game drive

Thursday, 1 August

8:30  Opening And Welcoming
     Prof LJ Grobler
     Dean: Faculty of Engineering, North-West University, Potchefstroom, South Africa

8:45  Role of Advanced Manufacturing in achieving economic growth
     Mrs Nomfuneko Majaja
     Chief Director, Advanced Manufacturing, Department of Trade and Industry, South Africa

9:15  IDC funding of agro-processing
     Mr David McGluwa
     Regional Manager - North West Province, Industrial Development Corporation, South Africa

9:45  dti Incentive programs
     Mrs Shareen Osman
     Chief Director: Strategic Partnerships and Customer Care
     Department of Trade and Industry, South Africa

10:30  Tea & Coffee

11:00  Latest world trends in extrusion processing
     Mr Doug Baldwin
     Director of Business development, Wenger, Kansas City, USA

11:45  Extrusion beneficiation of various waste products
     Dr Mian Riaz
     Director, Food Protein R & D Centre, Head - Extrusion Technology Program, Graduate Faculty, Food Science and Technology Program at Texas A&M University, College Station, Texas, USA.

12:30  Extruded product design from concept to market
       Mr Carlos Neves
       Nutri Se7en Advances

13:00  Lunch

14:00  Agro-processing business model development
       Mr Louis Lagrange
       CEO, LL Square Growth, South Africa

14:30  Product development process for extrusion
       Dr Gerda Botha
       CSIR Biosciences

15:00  Tea & Coffee

15:15  Latest diagnostic technologies for managing plant maintenance
       Mr Danie Vorster
       Director, CHM Technologies(Pty)Ltd, Potchefstroom, South Africa

15:45  Establishment of sustainable commercial aquaculture industries
       Mr Michael Pascal
       Managing Director, Aquaculture Production Technology (Israel) ltd.

16:00  Latest diagnostic technologies for managing plant maintenance

16:30  Extrusion cooking, a viable technology for achieving food production and security in Africa
       Prof Kalep Filli
       Senior Lecturer - Department of Food Science and Technology, Federal University of Technology, Yola, Adamawa State

16:30  Practical Demonstration - Extruded breakfast cereal, Pet food

18:30  Boma Dinner
ExtruAfrica Conference
1 & 2 August, 2013
Protea Hotel, Kruger Gate, South Africa

Programme:

Friday, 2 August

8:30 South African agriculture and agro-processing - Quo Vadis?

Prof Herman van Schalkwyk
Agricultural economist and Rector of North-West University, Potchefstroom, South Africa

9:30 Enterprise development and available support mechanisms

Mr Neville Maimane
Provincial Manager - North West Small Enterprise Development Agency, South Africa

10:15 Tea & Coffee

10:45 Niche market opportunities for super-critical CO₂ extraction

Dr Edward Lack
Vice President, Natex Prozesstechnologie GMBH, Austria

11:30 Value of extruded soy products in achieving nutritional security in Africa

Prof Wilna Oldewage-Theron
Director - Centre of Sustainable Livelihoods, Vaal University of Technology, South Africa

12:00 Food safety for the extrusion processor

Dr Mian Riaz
Director, Food Protein R&D Centre, Head - Extrusion Technology Program, Graduate Faculty, Food Science and Technology Program at Texas A&M University, College Station, Texas, USA

13:00 Energy and the agro-processor: Quo Vadis?

Prof LJ Grobler
Dean: Faculty of Engineering, North-West University, Potchefstroom, South Africa

Rates

Special offer:
Save R1860 when booking for training seminar and conference.

Seminar: R6200
Conference: R4560
Full Week: R8900

Group booking:
5 or more delegates: R8100
Student discount for conference: R3450

Venue and accommodation

The venue for ExtruAfrica 2013 is the Protea Hotel Kruger Gate, near the town of Skukuza in Mpumalanga, South Africa. The Protea Hotel Kruger Gate organised special rates for delegates attending the conference and/or training. A block of rooms have been reserved until 30 June.

Contact Corné Bam:
bang@phkrugergate.co.za
or (+27)13 735 5671
Alternatively see www.extruafrica.org.za

How to register

Visit our webpage:
www.extruafrica.org.za
or
Send the registration form to:
Ilze Combrinck
Fax: (+27) 86 750 0403
Tel: (+27) 18 299 1329
E-mail:
ilze.combrinck@nwu.ac.za
Training Seminar and Conference week  
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Protea Hotel, Kruger Gate, South Africa

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Register form

Fax to: +2786 750 0403  
or email: ilze.combrinck@nwu.ac.za

Register: Please indicate with an X

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<td>Conference</td>
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<td>Full week</td>
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<td>Full Week (group booking)</td>
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<td>Attending Boma Dinner</td>
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<td>Will you bring a partner?</td>
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An invoice will be generated upon receipt of your registration.
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or
+27 13 735 5671
or
see www.extruafrica.org.za

Terms and conditions

The organisers of this event reserve the right to refuse admission where proof of payment cannot be submitted. If you have not received confirmation of your booking at least 5 working days prior to the commencement of the event, please contact us to make sure that your booking has been registered. With variable postal conditions, your registration might have been held up on its way back to us, or your confirmation details might have been delayed in a similar manner and the onus is on you to ensure the confirmation of bookings.

Should you be unable to attend the event, a substitute delegate may be sent. Please inform us of the substitution as soon as possible. Cancellation of bookings will only be accepted in writing until 10 working days prior to the event commencement date, in which case a 10% cancellation fee will be charged.

Delegates, whom submit a cancellation notification to the ExtruAfrica organisers in the 10 working days period prior to the commencement date of the event, will be held liable for the full amount. By submitting this form you agree to the terms and conditions.

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