International Training Seminar, Conference and Exhibition

PROGRAMME

ExtruAfrica™
extrusion • application • education

6th ANNUAL

1 - 4 August 2017
The Roots Lifestyle Centre, Potchefstroom, South Africa

In collaboration with:

CFAM
EAMC
PERDC

Visit the extrusion hub in Africa

To register scan the QR code or visit our website: www.extruafrica.org.za
Introduction and Principles of Extrusion
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA

Raw Material Properties for Extrusion Processing
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA

Processing of Soybeans with Extrusion and Expelling Technologies
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA

Extrusion Processing of Aqua Feed and Pet Food
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA

Extrusion Processing of Snack Food & Breakfast Cereals
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA
Extrusion Processing of TVP & Corn-Soy Blends
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA

Processing of Animal By-Products and other Food Waste with Extrusion Technology
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA

How to Develop a New Product with Extrusion Technology
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA

Automation of Extrusion Plants
Mr Christo Vorster, Automation Engineering Manager, CFAM Technologies (Pty) Ltd, Potchefstroom, RSA

Drying Technologies for Extruded Products
Mr Doug Baldwin, Director of Business Development, Wenger, Kansas City, USA

Maintenance and Diagnostics of Extrusion Plants
Mr Danie Vorster, Managing Director, CFAM Technologies (Pty) Ltd, Potchefstroom, RSA

Food Safety and Extrusion Technology
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA

Interactive Session
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA

Meet representatives of the supply chain

Game Drive and Boma Dinner Papers & Presentations

Be the PRICE MAKER

30+ Papers & Presentations
Competitiveness in the Agricultural Value Chain
Mr Johan van Rooyen, Standard Bank Centre for Agri-leadership & Mentorship Development & Professor in Agricultural Economics at Stellenbosch University, RSA

How to Approach Agro-Processing Business Development - Key Lessons and Pitfalls
Clayton Williams, Corporate Strategy & Commercial Affairs, Pretoria, South Africa

The impact of the Political Climate on Agri-business in SA
Mr Theo Venter, Political and Policy Specialist, NWU School of Business and Governance, North West University, Potchefstroom, RSA

Lessons learnt from Implementing an Agricultural Incubator: The Timbali Story
Mrs Louise de Klerk, CEO, Timbali Technology Incubator, Mbombela, RSA

Latest World Trends in Extrusion Technologies and its Applications
Dr Mian Riaz, Director of Process Engineering R&D Center, Texas A&M University, USA

The Role of Product Development & Innovation in Keeping up with Competition and Setting the Trends
Miss Natasa Taseski, Head: Extrusion R&D Centre, North West University, Potchefstroom, RSA

The need for Flexibility in Planning and Designing Agro-Processing Plants
Mr Nigel Sunley, Sunley Consulting, South Africa

Gain insight into extrusion
Forge partnerships
03
Thursday: 3 August 2017
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- **Product Development for Commercial Success**
  Mrs Hanli de Beer, Senior lecturer, Consumer Sciences, North-West University, Potchefstroom, SA

- **How to Access Government Incentives**
  Mr Grant Whittaker, Director, Grants SA, South Africa

- **Additive Manufacturing - Flexible Manufacturing Support for Agro-Processing**
  Prof Deon de Beer, Chief Director: Technology Transfer and Innovation Support, North-West University, South Africa

- **The Value of Condition Monitoring in Processing Plants**
  Mr Werner van Niekerk, Consultant to CFAM Technologies, South Africa

- **Energy Flows through Extrusion Processes**
  Mr Jaco Homan, University of the Free State, South Africa

- **Factors to consider when Flavouring and Colouring Extruded snack food products**
  South African Association of the Flavour & Fragrance Industry

- **The right Micronutrients for Better Nutrition**
  Mr Jaco Hattingh, DSM, South Africa

- **Choosing the Right Ingredients for Product Formulation**
  Mrs Adri Venter, Savannah, Johannesburg, South Africa

- **The Role of Flavours in Giving You the Edge over the Competition**
  Mrs Rina Wulfsohn, Versachem, Johannesburg, South Africa

**Panel Discussion:**
How to develop sustainable integrated value chains for the extrusion industry,
Panel Leader: Louis Lagrange (UFS),
Panel Members: Mr Theo Venter (NWU Business School), Louise de Klerk (Timbali), Dr. Mian Riaz (Director of Process Engineering R & D Center, Texas A & M University, USA), Mr Clayton Williams (Corporate Strategy & Commercial Planning, Pretoria, South Africa)
Friday: 4 August 2017
International Conference and Exhibition

- **Guidelines for Business Success in a Rapidly Changing SA**
  Mr Brand Pretorius, Retired CEO of McCarthy Ltd, Author and business leader, RSA

- **The Value of Developing Integrated Value Chains**
  Dr Herman van Schalkwyk, CEO, Suidwes, RSA

- **The role of Extrusion in Developing Sustainable Businesses in Developing Countries: An International Perspective**
  Mr Doug Baldwin, Director of Business Development, Wenger, Kansas City, USA

- **The Potential for Agro-Processing Industry Development in Africa**
  Prof LJ Grobler, Dean, Faculty of Engineering, North-West University, RSA

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**WHY SHOULD YOU ATTEND?**

1. Learn from international and local experts on applications of extrusion
2. Experience live practical extrusion demonstrations
3. Learn about funding opportunities to establish extrusion plants
4. Forge partnership with extrusion stakeholders
5. Become a price maker
   DON’T remain a price taker

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Forge partnerships