



AFA SEMINAR

Advanced Fertilizer Technology and Lessons Learning



Lugano, Switzerland
24-26 June 2019

**SEMINAR
PROGRAM**

Day 1 : Monday, 24 June 2019

08:30

REGISTRATION

09:00

WELCOME ADDRESS

09:15 – 09:45

Today's Casale: One partner for all your needs
F. Zardi

09:45 – 10:30

Casale Processes for solid fertilizers: a review on granulation, prilling and fattening - Part A: Urea
L. Marrone

10:30 – 11:15

Casale Processes for Solid fertilizers production: a review on granulation, prill, fattening - PART B: nitrates, phosphates and complex fertilizers
G. Marcon

11:15 -11:30

Networking Coffee / Tea

11:30 – 12:00

Integrated complexes for the production of ammonia, urea, nitric acid and solid fertilizers
F. E. G. Ferrari

12:00 – 12:30

Revamping technologies for ammonia and urea plants
S. Panza

12:30

Networking Lunch

13:30 – 14:00

Casale Total Life Cycle approach: services and products to extend the operating life of key equipment
R. Poletti

14:00 – 14:30

A review of Casale activity in the Arab world
L. Re Dionigi

14:30 – 15:00

Operating Leverage, Urea Solution Transfer Management
Abdulrahman Al-Hweedi, SAFCO

18:00

Gala dinner hosted by Casale

Day 2 : Tuesday, 25 June 2019

09:00 – 09:30

Opportunities Created by the Innovative
Revamping of a Methanol plant

M. Pin

09:30 – 10:00

Improving efficiency of three Ammonia-Urea
complexes for IFFCO

D. Marzari Chiesa

10:00 – 10:30

Successful Execution of EPCC Projects: Two
Ammonia Plants Revamped for Azomures

F. Baratto

10:30 -10:45

Networking Coffee / Tea

10:45 – 11:14

Lower your plant energy consumption with
Casale internals: successful converter revamp-
ing in Abu Qir III

M. Mazzamuto, Mohamed Tarek Mohamed El-Tohfa

11:15 – 11:45

Replacing vintage HP equipment in ammonia
and urea plants, a review of successful cases

R. Lanzani

11:45 – 12:15

Casale Digital products

J. Goicochea

12:15

Closing Remarks

12:45

Networking Lunch

14:00

visit to Casale premises

Day 3 : Wednesday, 26 June 2019

Visit to Paul Scherrer Institut, Villigen

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| 09:00 | Departure from Hotel de la Paix |
| 12:00 | Arrival at Villigen Lunch in a typical Swiss restaurant "Chaemihuetten". |
| 14:00 | visit to Paul Scherrer Institut |

The Paul Scherrer Institute, PSI, is the largest research institute for natural and engineering sciences within Switzerland. It performs world-class research in three main subject areas: Matter and Materials, Energy and the Environment and Human Health. By conducting fundamental and applied research, it works on long-term solutions for major challenges facing society, industry and science.

Casale is conducting an extensive research program on syngas generation via oxygen blown reforming of various gaseous feedstocks with the purpose to gain in-depth, critical knowledge for the design of syngas generation units in large chemical plants

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| 17:00 | Departure from PSI at 5 hrs pm to Zuerich |
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