

ANNA 2016 Conference in Veldhoven (near Eindhoven), The Netherlands

September 18th - 23rd, 2016

Conference Agenda

			Speaker	Company
Sep-18	Sunday	ANNA welcome reception		
13:00		Registration starts as of 13:00 hours until evening		
15:00		Executive meeting - invitation only	Agenda by HR	ANNA executive
18:00		Welcome reception hosted by OCI Nitrogen	Gert-Jan de Geus	OCI Nitrogen
Sep-19	Monday	AN meeting: 1st day		
7:00		Breakfast (included in room rate)		
8:00		Registration for those joining in the last moment		
		Opening and organisation		
8:15		Opening remarks by the ANNA chairman - identification of attendees	David Hind	Orica
8:40		Welcome from the host company and housekeeping items	Nick Vogels	OCI Nitrogen
		Update on today's exhibitor activities	Nick Vogels	OCI Nitrogen
8:50	AN-00	ANNA 2015 meeting: observations and balance sheet	Kirk Brooks	Agrium
		General issues and legislation		
9:00	AN-01	Fertilizer Regulations in Europe	Antoine Hoxha	Fertilizers Europe
9:30	AN-02	Granular non-ideal explosives instrumentation	Karmen Lappo	Sandia Nat. Labs.
10:00		Coffee / Tea break	Sponsored by:	Novochem
		AN solution production		
10:30	AN-03	Safety standards for AN-pumps - application to existing plants	Christoph Neumüller	Borealis
11:00	AN-04	A unique integrated facility design for production of UAN solution	Guy Vocelka	KBR-Weatherley
11:30	AN-05	Novel way to detect ammonia leakages	P. fauconnier + P. Maas	Yara + Bruker
12:00		Lunch	Sponsored by:	Casale
14:00	AN-06	Demonstration lecture: bangs and flashes- how to avoid gas explosions	René Hoekstra	BASF
	AN-07	Demonstration lecture: bangs and flashes- how to avoid gas explosions	René Hoekstra	BASF
15:30		Coffee / Tea break	Sponsored by:	Cousland
16:00	AN-08	3D TRASAR for UAN - a novel technology	F. Stiglio + A. Vluggen	Nalco + Sitech
16:30	AN-09	Deadheading tests with water using pumps in AN service	Gerardo Murillo	Yara
		Production of solid AN fertilizers		
17:00	AN-10	Review of literature and guidelines regarding AN / CAN properties and storage	Nicolas Diaz	ThyssenKrupp IS
17:30	AN-11	Reduction of fine particles emissions from prill towers: Basic methodology , CFD simulations	Saad Saleh	Tikrit-University, Iraq
18:00		Closing of the 1st days session	David Hind	Orica
18:00		Evening activities offered by the exhibitors		

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			Speaker	Company
Sep-20	Tuesday	AN meeting: 2nd day		
7:00		Breakfast (included in room rate)		
08:00		Registration for those joining in the last moment		
8:15		Remarks by the chairman	David Hind	Orica
8:25		Update from the host company and housekeeping items	Nick Vogels	OCI Nitrogen
		Update on today's exhibitor activities	Nick Vogels	OCI Nitrogen
Safety including pumps for ammonium nitrate				
8:30	AN-12	A review of testing methods and interpretation of their results for the thermal stability of AN	Martin Braithwaite / Ron P	Univ. Cambridge
9:00	AN-13	Partnering with industry to counter IED materiel proliferation	Bradley Preston	USAF
9:30	AN-14	Fire depression in a CAN plant	Jon Criddell / Ron	OCI Nitrogen
10:00		Coffee / Tea break	Sponsored by:	Sabin
10:30	AN-15	Decomposition and classification of ammonium nitrate-based NPK fertilizers	Kish Shah	Fertilizers Europe
11:00	AN-16	Explosion in a prill tower head house	Miranda + Peddie + Daller	ENEAX
AN environmental aspects				
11:30	AN-17	The Arionex waste water treatment and recovery plant at Azomures (Romania) - 10 years exp	Nicolai Arion	Arionex
12:00		Lunch	Sponsored by	KBR-Weatherly
New technology				
14:00	AN-18	Prilled ammonium nitrate: shifting from LDAN to HDAN	Jose Ferrer	Espindesa
14:30	AN-19	Emission reduction of AN aerosols	Henk Thijssen	SiTech
AN safety training				
15:00	AN-20	Incident at West, Texas: recent findings and regulatory activities update	Noel Hsu	Orica
15:30		Coffee / Tea break	Sponsored by:	MECS / DuPont
16:00		AN Safety Round Table discussion	David Hind with experts	
17:15		Next years meeting	Burke Allan	Alloy Engineering
17:20		Selection of the best AN presentation	Hans Reuvers	ANNA executive
17:30		Closing of the AN meeting	David Hind	Orica
18:00		Open bar		
18:15		Drinks and dinner at the Exhibit Hall offered by the exhibitors		
22:00		Exhibit Hall Closing		

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			Speaker	Company
Sep-21	Wednesday	HNO3 meeting: 1st day		
07:00		Breakfast (included in room rate)	Sponsored by:	
8:00		Registration for those joining in the last moment		
Opening and organisation				
8:15		Remarks by the chairman	David Hind	Orica
8:25		Update from the host company and housekeeping items	Nick Vogels	OCI Nitrogen
		Update on today's exhibitor activities	Nick Vogels	OCI Nitrogen
1. General issues				
8:30	NA-01	The formation of ammonium nitrate and nitrite in nitration vent systems	Kyle Loutet	NORAM
9:00	NA-02	Applications of steel 1.4361 (Böhler-Steel / A610) in high concentrated nitric acid	G. Notten + E. Volosciuc	Christof-Group
9:30	NA-03	Best practice turbomachinery control in nitric acid plants	Giovanni Urbinelli	CCC
10:00		Coffee / Tea break	Sponsored by:	Umicore
10:30	NA-04	Avoidance of secondary damage by early failure detection of a partially fractured piston rod	Ludger Feldkamp	Provost
11:15		Lunch	Sponsored by:	Stamicarbon
11:30		Wednesday afternoon activities offered by the exhibitors		

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			Speaker	Company
Sep-22	Thursday	HNO3 meeting: 2nd day		
7:00		Breakfast (included in room rate)		
8:15		Remarks by the chairman - identification of attendees	David Hind	Orica
8:45		Update from the host company and housekeeping items	Nick Vogels	OCI Nitrogen
		Update on today's exhibitor activities	Nick Vogels	OCI Nitrogen
1. General issues				
8:50	NA-05	Nitric acid pump rupture	Hakon Leth-Olsen	Yara
9:20	NA-06	A nitric acid baby plant - challenges for specific problems	Jose Ferrer	Espindesa
09:50	COP21	Global initiative for the utilization of N2O abatement technology	Volker Schmidt	GIZ Germany
10:10		Coffee / Tea break	Sponsored by:	Flexim
10:40	NA-07	The Frankengauze and aspects of heat train flooding	Kirk Brooks	Agrium
11:10	NA-08	Nitric acid plant survey 2016	Frank Wolf	ANNA executive
11:30	NA-09	Nitric acid incidents caused by avoidable reactions	Francisca Galindo	Fertiberia
12:00		Lunch	Sponsored by:	Heraeus & INS
2. Air / NOx compressors				
3. Process air and ammonia sources - filters				
4. Pre-ignition				
5. Burner and conversion catalysts				
13:45	NA-10	Ammonia oxidation - correlation of process parameters, control mode and performance	S. Rao + J. Neumann	Hindustan Platinum
14:15	NA-11	Uhde nitric acid technology - special features of proprietary equipment	Michael Groves	ThyssenKrupp IS
7. Heat train				
8. Cooler condensor - waste heat boiler - Pt recovery				
14:45	NA-12	Eliminating the risk of formation of AN and/or ammonium nitrite on a rupture disk	Karl Hohenwarter	Borealis
15:15		Coffee / Tea break	Sponsored by:	Gemaco
15:45	NA-13	Pilot burner for testing new catalyst designs and debottlenecking issues in NA plants	R. Bogidaev + A. Dyukov	Acron + Krastsvetmet
9. HSE				
16:15	NA-14	Incident with a bleacher in a nitric acid plant	Henk Kolodziejak	OCI Nitrogen
10. Absorption tower - miscellaneous				
16:45	NA-15	Replacing bottom 4 trays of a Weatherly absorber column	Dan Schuler	PCS Nitrogen
17:15	NA-16	Corrosion of thermocouples	Robin Dellaert	Yara
18:00		Closing of the 4th days session	David Hind	Orica
18:00		Open bar		
19:00		Drinks and dinner at the Exhibit Hall offered by the exhibitors		
22:00		Exhibit Hall Closing		

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			Speaker	Company
Sep-23	Friday	HNO3 meeting: 3rd day		
7:00		Breakfast (included in room rate)		
8:15		Remarks by the chairman	David Hind	Orica
8:30		Update from the host company and housekeeping items	Nick Vogels	OCI Nitrogen
11. NOx and N2O emissions - miscellaneous				
8:45	NA-17	Recovery of NOx and spent nitric acids	Ulrich Gehrke	Bertrams
9:15	NA-18	The EU emission trading scheme phase IV: benchmarks	Bill Felderbach	ClimeCo
9:45	Coffee / Tea break		Sponsored by:	Thyssen-Krupp
10:15	NA-19	Improved ammonia gas leak detection with reduced maintenance burden	Kevin Dean	Senscient
10:45	NA-20	Sustainable plant operation with hot spots on burner head	Muhammad Asif	Fatima, Pakistan
11:15	NA-21	Accurate and reliable measurement of gauze temperature	J.-F. Granger	Casale
11:45	Comments and questions regarding the NA section			
12:00		Input to next years agenda	Hans Reuvers	ANNA executive
12:10		Selection of the best NA presentation	Hans Reuvers	ANNA executive
12:15		Presentation of next years meeting location	Burke Allan	Alloy Engineering
12:30		Closing of the HNO3 meeting and ANNA 2016 conference	David Hind	Orica
12:30	Lunch (at your own expense)			
Discussion of safety and operational issues - optional				
14:30		Operational and safety aspects: discussion among experts (in lieu of virtual tour)	Nick Vogels	OCI Nitrogen
16:00	End of discussion			
17:00		Executive meeting - Invitation Only	Agenda by HR	ANNA executive
18:00	Expected end of executive meeting			

Legend	New Day
	Topic Change
	Networking Opportunities