



BULK MATERIAL HANDLING 12/6

Contact persons Thurne Teknik:
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| 09.00 - 09.45 | Coffee & Snacks with a short review of the following tour. Welcome to "ALLIANCE" | | HALL 4.C |
| PNEUMATIC CONVEYING / FEEDING | | | |
| 10.00 - 10.30 | Coperion David Watmore | Complete Systems for Bulk Material Handling Special attention: Hygienic Rotary and Diverter Valves Extrusion Systems | 5.0 D34 |
| 10.30 - 11.00 | Coperion K-Tron Roman Schaffner | Simple and modular Pneumatic Conveying Systems for dust free conveying of powders, granules and bulk solids Special attention: Dense Phase Conveying | 5.0 D34 |
| 11.00 - 11.15 Coffee Break | | | |
| 11.15 - 11.45 | Coperion K-Tron Roman Schaffner | Volumetric and Gravimetric Feeders for a high and safe feeding accuracy for powders, granules, fibres, flavours, pigments and liquids Special attention: Band-, Screw- and Vibro Feeders | 5.0 D34 |
| POWDER PROCESSING | | | |
| 11.55 - 12.25 | Andritz Separation Arthur Bouwmeester | Full range of Drum-, Belt-, Fluidbed-, Helix- & Plate Dryers Special attention: Powder Mixers | 5.0 B7 |
| 12.30 - 13.30 Lunch | | | |
| Welcome to "ALLIANCE" | | HALL 4.C | |
| 13.45 – 14.15 | Quadro Engineering Wilf Sangüesa | Inline Milling & Sieving Special attention: High Capacity Inline Control Sieving, New Generation High Efficiency Comils | 6.0 D86 |
| 14.30 - 15.00 | Sweco Philippe Bolle | Vibro Energy Sieves for Wet & Dry Classification and Security Screening Special attention: Screening with Vibrosieves | 5.0 A34 |
| 15.10 - 15.45 | Dec Group Ferdinand Reesink | Safe Filling / Emptying and Material Transport Technologies | 5.0 D8 |
| From 19.00 | Casual Evening | Dinner at "Zum Feuerrädchen", Textorstrasse 24, 60594 Frankfurt | |



PHARMACEUTICAL TOUR 12/6

Contact persons Thurne Teknik:
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| 09.00 - 09.45 | Coffee & Snacks and short review of the following tour. Welcome to "ALLIANCE" | | Hall 4.C |
| POWDER PROCESSING / CONTAINMENT / TABLET MANUFACTURING | | | |
| 10.00 - 10.30 | Quadro Engineering Wilf Sangüesa | Inline Milling & Sieving in the pharma formulation Focus: New generation High Efficiency Comil for granulation process and high capacity Inline Control Sieving to remove impurities from raw material | 6.0 D86 |
| 10.30 - 11.00 | Fitzpatrick Davy Maes | Efficient Compactors in the pharmaceutical granulation process Focus on the new CCS (contained compaction system) model CCS320 | 6.0 D86 |
| 11.00 - 11.15 | Coffee Break | | |
| 11.25 - 11.55 | Coperion David Watmore | Twin Screw Extruders for continuous mixing of pharmaceutical active ingredients, Hygienic Rotary and Diverter Valves | 5.0 D34 |
| 11.55 - 12.25 | Coperion K-Tron Roman Schaffner | Accurate Volumetric and Gravimetric Powder Feeders with new pharmaceutical design | 5.0 D34 |
| 12.30 - 13.30 | Lunch | | Hall 4.C |
| 13.45. - 14.15 | Dec Group Ferdinand Reesink | Containment projects in pharma for handling of high-potent ingredients in formulation and micronization processes, focus on engineering and design capabilities in complex containment projects, including a virtual exhibit of examples and possibilities | 5.0 D8 |
| 14.25 - 14.55 | ChargePoint Andrew Gent | Use of contained connections and Split Valve Technology in the formulation pharma process, focus on sterile powder connections and high containment PRO-valves, large auto-dock DL valves for feeding of tablet presses from IBCs | 3.0 D14 |
| 15.00 - 15.15 | Coffee Break | | |
| 15.20 - 15.45 | Lugaia Viktor Schnyder | Flexible containment solutions, with exhibit of SafeFlex-isolators Focus on SafePort bags for small and medium scale product transfers of potent powders and demonstration of Continuous Liner (CLS) Technology for packing and transfer of ingredients and product | 3.1 A28 |
| 15.50 - 16.15 | Limitec Ludger Schnittker | Container Blenders and Lifting Hoists for the pharmaceutical production Design and manufacturing of drums and bins in 316L with high grade finish | 3.0 B9 |
| From 19.00 | Casual Evening | Dinner at "Zum Feuerrädchen", Textorstrasse 24, 60594 Frankfurt | |



MINERAL TOUR 12/6

Contact persons Thurne Teknik:
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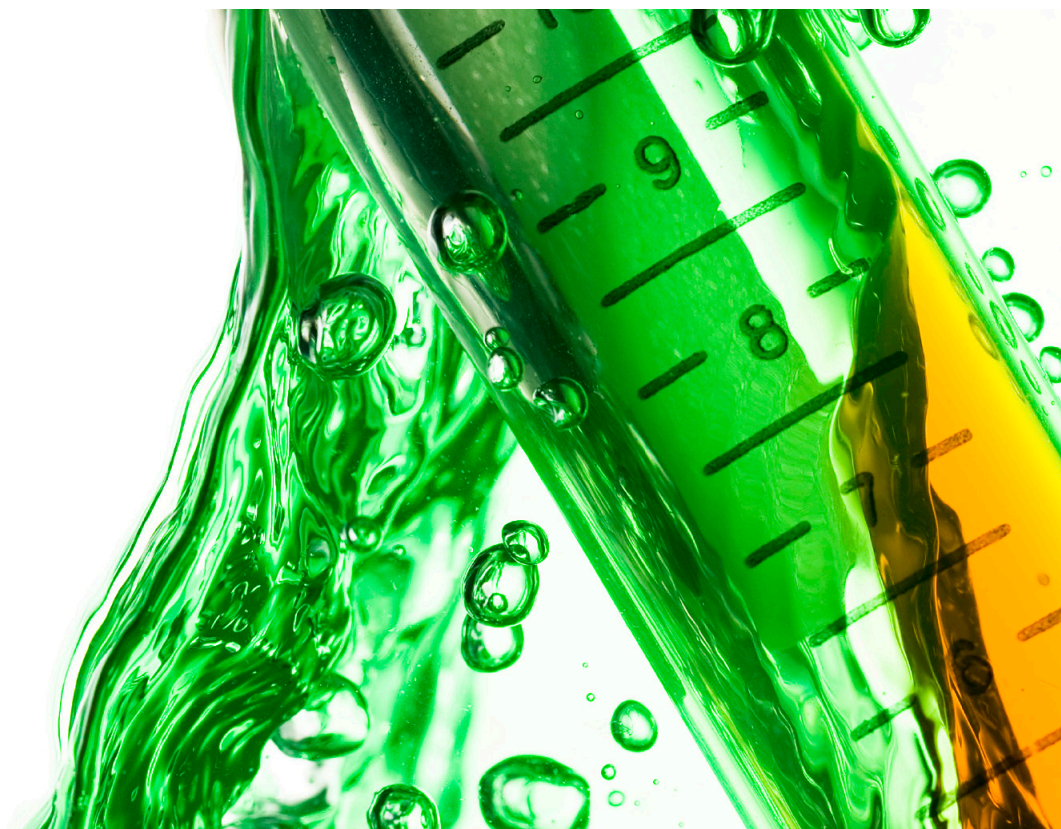
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| 09.00 - 09.45 | Coffee & Snacks with a short review of the following tour. Welcome to "ALLIANCE" | | hall 4.C |
| DEWATERING - IoT | | | |
| 10.00 - 10.30 | Andritz Separation Gunnar Grim | Dewatering Technology with focus on Centrifuges and Disc-, Drum- & Belt Filters | 5.0 B7 |
| 10.30 - 11.00 | Andritz Separation Arthur Bouwmeester | Drum-, Belt-, Fluidbed-, Helix- & Plate Dryers | 5.0 B7 |
| 11.00 - 11.15 Coffee Break | | | |
| 11.15- 11.45 | Andritz Separation Stefan Weis | Filter Presses & Decanter Centrifuges | 5.0 B7 |
| CLASSIFICATION & FEEDING | | | |
| 11.45 - 12.15 | Sweco Philippe Bolle | Round & Rectangular Sieves and Classifiers | 5.0 A34 |
| 12.30 - 13.30 Lunch Welcome to "ALLIANCE" Hall 4.C | | | |
| 13.45 - 14.15 | Coperion Stefan Skirde | Rotary-, Diverter Valves and Conveying Systems Special attention: special coated Rotary Valves for heavy-duty applications | 5.0 D34 |
| 14.15 – 14.45 | Coperion K-Tron Roman Schaffner | Feeders | 5.0 D34 |
| 14.45 – 15.00 Coffee Break | | | |
| option 1 15.15 - 16.15 | Andritz Separation Gunnar Grim Stefan Weis Robert Andersson Krohn | DEWATERING WORKSHOP Choosing Dewatering Equipment for your process | meeting room TBA |
| option 2 15.15 - 15.45 | DDPS (De Dietrich®, Rosenmund®, QVF®) Dr. Edgar Steffin | CORROSION RESTISTANCE TOUR Glass & Glass-lined vessels for Corrosive Application | 4.0 C26 |
| 16.00 - 16.30 | Mersen Byron Boulby | Reactors, Condensers, Heat Exchangers, Pipings, Bursting Discs etc in Hastelloy, Graphite, PTFE, SiC, Tantalum | 4.0 A68 |
| From 19.00 | Casual Evening | Dinner at "Zum Feuerrädchen", Textorstrasse 24, 60594 Frankfurt | |



FINE CHEMICAL/API TOUR 12/6

Contact persons Thurne Teknik:
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| 09.00 - 09.45 | Coffee & Snacks with a short review of the following tour. Welcome to "ALLIANCE" | Hall 4.C | |
| 09.45 - 10.15 | DDPS (De Dietrich®, Rosenmund®, QVF®) Philippe Noel | "The Power of Engineering" within the field of Reaction, Filtration, Drying, Distillation, Extraction and more Latest news in world of Enamel, Borosilicate Glass and Filter/Dryer Technology with focus on containment | 4.0 C26 |
| 10.25 - 10.40 | Fluitec Tobias Vögeli | Development of Static Mixers and Heat Exchangers for the implementation into In-Line Continuous Reaction Systems for low and high viscous applications | 4.0 D23 |
| 10.50 - 11.05 | KAPP Process Christophe Blanc | Welded Plate Heat Exchangers as Condensers based on free flow design on the process side for easy cleanability and space saving design | 4.0 B55 |
| 11.10 - 11.30 | Coffee Break | | |
| 11.30 - 12.00 | LAUDA Marco Hauser | Alternative solutions to ensure the right process temperature by use of Temperature Control Units | 5.1 B76 |
| 12.10 - 12.30 | Dec Group Ferdinand Reesink | Engineering and Design Capabilities of complex integrated Containment Projects Virtual exhibit of examples and possibilities | 5.0 D8 |
| 12.30 - 13.30 | Lunch | Welcome to "ALLIANCE" | Hall 4.C |
| 13.45 - 14.15 | Filtrox Ralph Daumke | The variety of Depth Filtration for valuable liquids, focused on filters with immobilized activated carbon for capturing color and/or odor | 5.0 D88 |
| 14.25 - 14.55 | Andritz Separation Gunnar Grimm | The full scope of Solid/Liquid Separation and Drying, focused onto the new PUREVO Pharma Peeler Centrifuge | 5.0 B7 |
| 15.00 – 15.15 | Coffee Break | | |
| 15.25 - 15.40 | ChargePoint Andrew Gent | Split Valve Technology products from small to large process scale Showcase of tools to monitor split valve device health, manage risks and control productivity (VERIFI tool) | 3.0 D14 |
| 15.50 - 16.15 | Lugaia Viktor Schnyder | Contained Bulk Product Discharge and Transfer from small to medium scale utilizing SafePort Technology Continuous Liners (CLS) technology for Packing and Transfer Showcase of SafeFlex Isolators | 3.1 A28 |
| From 19.00 | Casual Evening | Dinner at "Zum Feuerrädchen", Textorstrasse 24, 60594 Frankfurt | |



CHEMICAL TOUR 12/6

Contact persons Thurne Teknik:
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| 09.00 - 09.45 | Coffee & Snacks with a short review of the following tour. Welcome to "ALLIANCE" | | Hall 4.C |
| REACTION / LIQUID PROCESS / MASS & HEAT TRANSFER | | | |
| 10.00 - 10.30 | Mersen Byron Boulby | Pressure Vessels, Heat Exchangers, Corrosion Material Expertise in material Graphite, Exotic Metals, PTFE Special attention: HCl Production Systems, 3D drawings for Heat Exchangers | 4.0 A68 |
| 10.40 - 11.10 | DDPS (De Dietrich®, Rosenmund®, QVF®) Edgar Steffin | Enamel and Borosilicate Glass for highly corrosive reaction, distillation, extraction, mineral acid treatment and waste gas treatment processes Latest news in the world of Enamel, Borosilicate Glass and Filter/Dryer Technology | 4.0 C26 |
| 11.10 - 11.25 | Coffee Break | | |
| 11.30 - 11.50 | Fluitec Tobias Vögeli | Continuous Reactor Technology and Static Mixers Special attention: flexible Pilot Plant Skid | 4.0 D23 |
| 12.00 - 12.30 | KAPP Process Christophe Blanc | Heat Exchangers and Condensers for highly corrosive processes and high solid loads Special attention: Free Flow Plate Heat Exchangers and S&T (corrugated tube) Heat Exchangers | 4.0 B55 |
| 12.30 - 13.30 | Lunch | Welcome to "ALLIANCE" | Hall 4.C |
| 13.45 - 14.15 | Andritz Separation Gunnar Grimm | Liquid & Solid Separation Special attention: Filter Presses, Decanters, Separators, Centrifuges, IoT | 5.0 B7 |
| 14.25 - 14.55 | Rhodium Werner Bader | Droplet Separators, Liquid-Liquid Separators made out of wired mesh | 5.1 B64 |
| 15.05 - 15.30 | VFF Hanno Kind | Full range of Tower Packings, Catalyst Bed Support Media (inert balls), Column Internals, Plastic-, Metal- & Ceramic Packings - Made in Germany | 4.0 D66 |
| From 19.00 | Casual Evening | Dinner at "Zum Feuerrädchen", Textorstrasse 24, 60594 Frankfurt | |



BIOTECH TOUR 12/6

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| 09.00 - 09.45 | Coffee & Snacks with a short review of the following tour. Welcome to "ALLIANCE" | HALL 4.C |
| 10.00 - 10.45 | Bioengineering Karin Philipp | A multifaceted and inspiring environment, providing complete Bioreactor and Fermenter Systems for i.e. Pharmaceutical- and Food Industries 4.1 E80 |
| 11.00 - 11.30 | ChargePoint Andrew Gent | Safe method of Transferring applications with aseptic Transfer Valve Systems 3.0 D14 |
| 11.45 - 12.15 | Dec Group Ferdinand Reesink | Flexible Containment Technology for enhancing safety and productivity in Biopharma Industries 5.0 D8 |
| 12.30 - 13.30 | Lunch | Welcome to "ALLIANCE" HALL 4.C |
| 13.45 - 14.45 | LAUDA Marco Hauser | Alternative solutions to ensure the right process temperature by use of Temperature Control Units 5.1 B76 |
| 14.30 - 15.00 | Filtrox Ralph Daumke | Filtration Systems with flexible scalability Depth Filtration for valuable liquids 5.0 D88 |
| From 19.00 | Casual Evening | Dinner at "Zum Feurrädchen", Textorstrasse 24, 60594 Frankfurt |

ACHEMA
2018

