

For an efficient fair visit!

Our tours:

BULK MATERIAL HANDLING
FINE CHEMICAL - API
MINING & MINERALS
PHARMACEUTICAL
CHEMICAL

Welcome to
ACHEMA!

Participate on our guided
tours through one of the
world's largest fairs.

*16th of
June*



Organizer



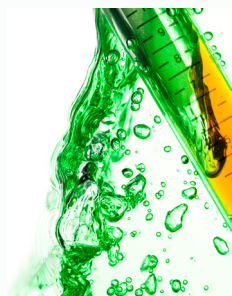
Partners



The ACHEMA in Frankfurt is the world's largest fair within PROCESS TECHNOLOGY and Chemical Engineering where new trends and innovations are presented for its visitors.

As a visitor it is difficult to maintain focus amongst thousands of exhibitors and 140 000 m² exhibition space. Therefore we have chosen to arrange guided tours through the exhibition that follow your processes from raw material handling to the final product.

Our tours:



CHEMICAL



FINE CHEMICAL API



BULK MATERIAL
HANDLING



PHARMACEUTICAL



MINING & MINERAL

Within each tour we meet the leading suppliers in the field and cover the most interesting developments that have taken place lately.

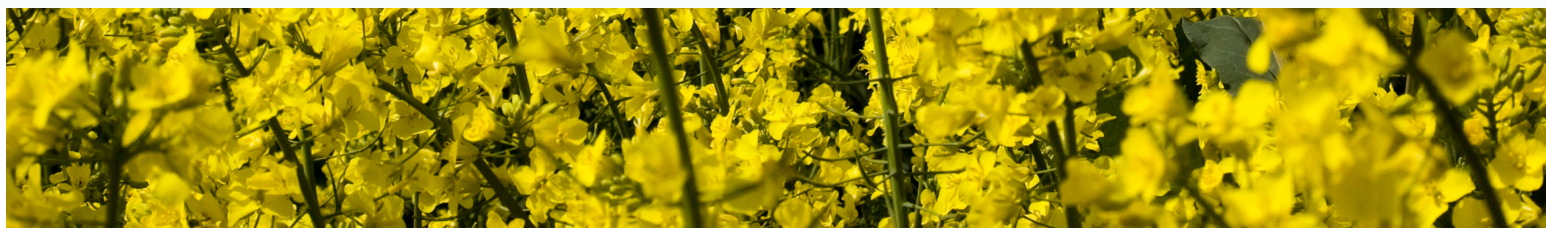
Each tour is limited to a maximum of 20 participants. Headsets will be provided for all tours. Besides free of charge entrance tickets, we offer a light breakfast, lunch and refreshments.

The tours are created for you who want to

- increase your skills
- optimize your visit
- get a quick overview of the process
- learn about innovations
- meet with Nordic colleagues from the same industry

The day ends with a casual evening in a Biergarten!

Contact us for detailed information about our guided tours on <http://www.thurne.se/Achema2015.pab>
or by mail: info@thurne.se



PHARMACEUTICAL TOUR 16/6

Contact persons Thurne Teknik:
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Mikal Skat Nørrevig, mobile phone: +45 31 26 33 00

09.00 - 09.30	Breakfast and short review of the following tour. Welcome to "Transparenz 2"	Portalhaus PH1	
POWDER PROCESSING / CONTAINMENT / TABLET MANUFACTURING			
09.45 - 10.15	DEC Frédéric Dietrich	Containment and Operator protection Special attention: contained transfer, mixing and micronization of powders, Glove Box Isolators	5.0 D8
10.30 - 11.00	Fitzpatrick Davy Maes	Roller Compactors and Mills for primary and secondary processing Special attention: Roller Compactors	5.0 C8
11.15 - 11.30	Coffee & Ice-cream	Outdoors	
11.45 - 12.15	Quadro Engineering Christophe Sedlak	Milling and screening of powders Special attention: Inline Sifter for control sieving of raw materials	5.0 C8
12.30 - 13.30	Lunch	Welcome to "Transparenz 2"	Portalhaus PH1
13.30 - 14.00	Sweco Luc Vermeulen	Vibro Energy Sieves Special attention: new Pharma no-gap-design	5.0 A38
14.15 - 14.45	Coperion K-Tron Otto Rothlin	Volumetric and Gravimetric Feeders for powders, granules, fibres, flavours, pigments and liquids Special attention: Pharma Feeders	5.0 D34
15.00 - 15.30	ChargePoint Malcolm Cunningham	Containment via Split Butterfly Valve Technology Special attention: High Containment Valves integrated with IBCs and Isolators for Oral Solid Dose Formulation	3.0 D14
15.45 - 16.00	Coffee & Cake	Outdoors	
16.15 - 16.45	Lugaia Viktor Schnyder	Disposable Containment Systems and flexible Isolators for dispensing processes Special attention: API Transfer Bag with high containment SafePort-connection	3.1 A30
From 19.00	Casual Evening	Biergarten	



MINING & MINERAL TOUR 16/6

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 Suzanne Jouda, mobile phone: +46 763 48 58 35

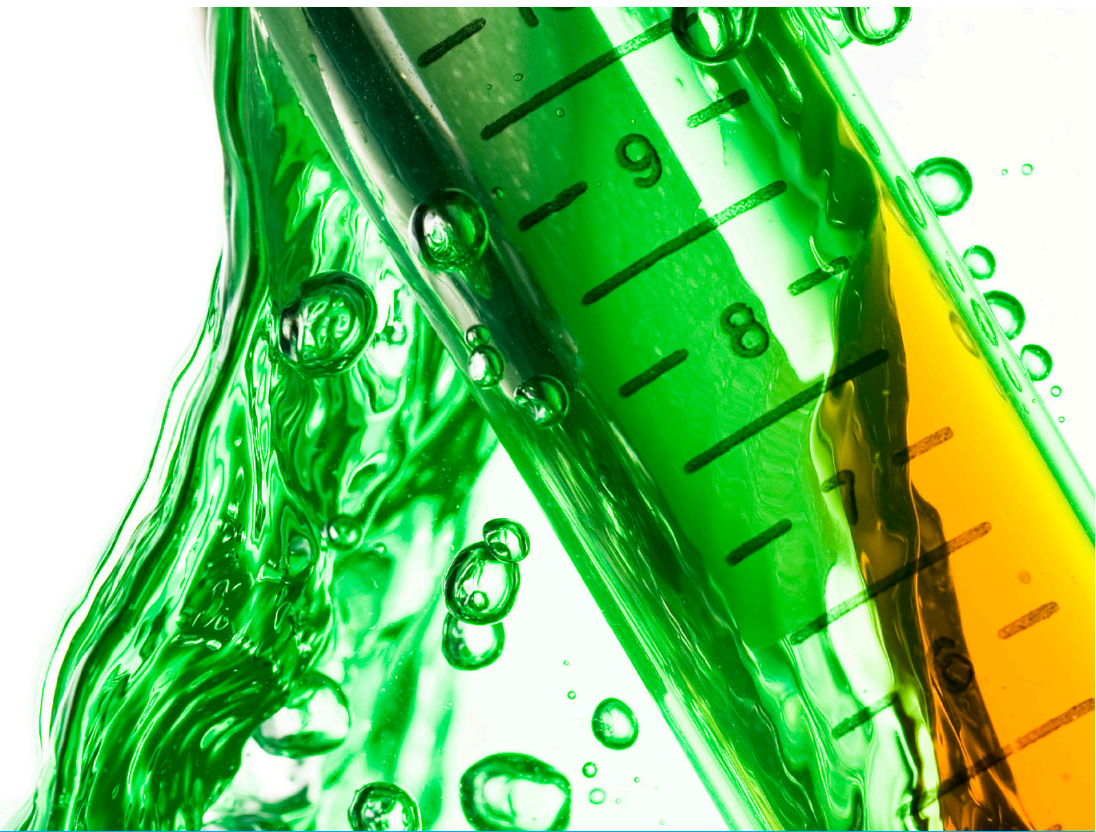
09.00 - 09.30	Coffee & Snacks with a short review of the following tour. Welcome to "Transparenz 2"	Portalhaus PH1	
MECHANICAL SEPARATION			
09.45 - 10.15	Andritz Separation Gunnar Grim	Mechanical separation with Peeler & Pusher Centrifuges and Drying and Granulation Systems incl. Drum-, Belt-, Fluidbed-, Helix- and Plate Dryers Special attention: Understanding the full scope of Andritz Separation	6.0 A52
10.30 - 11.00	Andritz Separation Lukasz Wawrzyniak	Side-bar & Overhead Filter Presses, Solid Bowl Decanter Centrifuges Special attention: Dewatering & Washing	6.0 A52
11.15 - 11.30	Coffee & Ice-cream	Outdoors	
11.45 - 12.15	Sweco Luc Vermeulen	Sieves and Classifiers special attention: Round and Rectangular Separators	5.0 A34
12.30 - 13.30	Lunch	Welcome to "Transparenz 2"	Portalhaus PH1
PRESSURE VESSELS			
13.30 - 14.00	DDPS (De Dietrich, QVF, Rosenmund) Edgar Steffin	Glass & Glass-lining for superior corrosion resistance Special attention: stirred vessels and Acid handling	4.0 C26
14.15 - 14.45	Mersen Byron Boulby	Pressure Vessels, Heat Exchangers, Pipework, Bellows etc. for corrosive process duties in Graphite, SiC, PTFE, Tantalum, Zirconium, Titanium, Nickel Alloys and Stainless Steel Special attention: Corrosion Material Expertise	4.0 A68
15.00 - 15.30	Coperion Betram Bartsch	Rotary-, Diverter Valves and Conveying Systems Special attention: special coated Rotary Valves for heavy-duty applications	5.0 D34
15.45 - 16.00	Coffee & Cake	Outdoors	
16.15 - 16.45	Kapp Process Christophe Blanc	Welded Plate Heat Exchanges for easy cleanability and handling of high solid loads Special attention: HXC and HXC Free Flow Plate Heat Exchangers and S&T (corrugated tube) Heat Exchangers	6.1 D70
From 19.00	Casual Evening	Biergarten	



FINE CHEMICAL/API TOUR 16/6

Contact persons Thurne Teknik:
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 Jenny Snellman, mobile phone: +358 40 567 5183

09.00 - 09.30	Coffee & Snacks with a short review of the following tour. Welcome to "Transparenz 2"	Portalhaus PH1	
HANDLING OF RAW MATERIAL / CONTAINMENT			
09.45 - 10.15	ChargePoint Malcolm Cunningham	Containment via Split Butterfly Valve Technology Special attention: High Containment level < 0,7 micro/m3	3.0 D14
10.30 - 11.00	DEC Frédéric Dietrich	Containment and operator protection Special attention: high Containment Equipment and Liquid DCS for handling of toxic liquids	5.0 D8
11.15 - 11.30	Coffee & Ice-cream	Outdoors	
REACTOR ENVIRONMENT			
11.45 - 12.15	DDPS (De Dietrich®, Rosenmund®, QVF®) Edgar Steffin	Technology for batch reactions and filtrations Special attention: Explosion protection for glass plants, Glass-lined Reactors with increased heat transfer area, High Containment Filtration	4.0 C26
12.30 - 13.30	Lunch	Welcome to "Transparenz 2"	Portalhaus PH1
13.30 - 14.00	Mersen Byron Boulby	Reactors, Condensers, Heat Exchangers, Piping, Bursting Discs etc. for corrosive processes in materials from Hastelloy, Graphite, PTFE, SiC to Tantalum Special attention: Corrosion Material Expertise	4.0 A68
14.15 - 14.45	LAUDA Marco Hauser	Ensuring the right process temperature by use of Temperature Control Units Special attention: Flexibility & energy savings	5.1 B76
SOLID / LIQUID SEPARATION & DRYING			
15.00 - 15.30	Quadro Engineering Christophe Sedlak	Inline Milling and Sieving (particle size control) Special attention: new Mills F10 and H20 for powders within range of 5 - 400 micron	5.0 C8
15.45 - 16.00	Coffee & Cake	Outdoors	
16.15 - 16.45	Andritz KMPT Gunnar Grimm	Solid/Liquid Separation and Drying Special attention: Understanding the full scope of Andritz Separation	6.0 A52
17.00 - 17.30 Option 1	Italvacuum Paolo Santi	Batch Drying and Mixing Special attention: GMP Design Vacuum Cabinet Dryer and complete systems for Vacuum Drying	4.0 B44
17.00 - 17.30 Option 2	Fluitemc Tobias Vögeli	Continuous Reactor Technology Special attention: new flexible Pilot Plant Skid	4.0 D23
From 19.00	Casual Evening	Biergarten	



CHEMICAL TOUR 16/6

Contact persons Thurne Teknik:
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 Daniel Berggren, mobile phone : +46 709 53 50 18

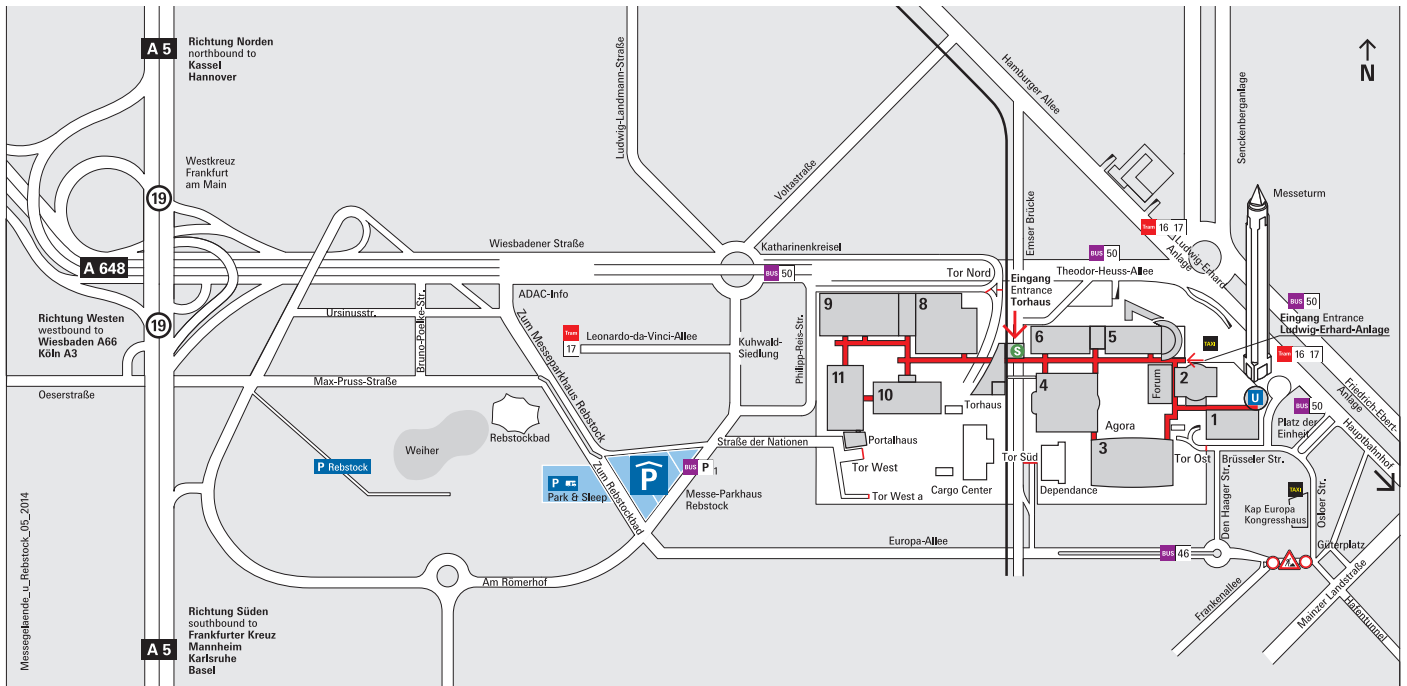
09.00 - 09.30	Coffee & Snacks with a short review of the following tour. Welcome to "Transparenz 2"	Portalhaus PH1	
POWDER HANDLING / SEPARATION AND DRYING			
09.45 - 10.15	DEC Group Frédéric Dietrich	Containment and Operator protection Special attention: Isolators & Mixing	5.0 D8
10.30 - 11.00	Quadro Engineering Christophe Sedlak	In Line Milling and Sieving (particle size control) Special attention: Inline Sifter for control sieving of final product	5.0 C8
11.15 - 11.30	Coffee & Ice-cream	Outdoors	
11.45 - 12.15	Andritz KMPT Gunnar Grimm	Separation and Drying Special attention: Dynamic Cross Flow Filtration (DCF) for higher concentration at lower energy consumption	6.0 A52
12.30 - 13.30	Lunch	Welcome to "Transparenz 2"	Portalhaus PH1
13.30 - 14.00	Coperion / Coperion K-Tron Otto Rothlin	Volumetric & Gravimetric Feeders for a high and safe feeding accuracy Special attention: Band-, Screw- & Vibro Feeders for varying applications, Vacuum & Pressure Transport, Rotary Valves	5.0 D34
REACTION / LIQUID PROCESS / MASS & HEAT TRANSFER			
14.15 - 14.45	Mersen Byron Boulby	Pressure Vessels, Heat Exchangers, Reactors, Columns, Bellows etc. for corrosive process duties in Graphite, SiC, PTFE, Tantalum, Zirconium, Titanium, Nickel Alloys and Stainless Steel Special attention: Corrosion Material Expertise	4.0 A68
15.00 - 15.30	Fluitec Tobias Vögeli	Continuous Reactor Technology and Static Mixers Special attention: flexible Pilot Plant Skid	4.0 D23
15.45 - 16.00	Coffee & Cake	Outdoors	
16.15 - 16.45 optional	Montz Ingo Schroers	Structured Packing, Mass Transfer Trays and Column Internals Special attention: the Montz' range of Liquid Distributors	4.0 A14
16.15 - 16.45	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	Biergarten	



BULK MATERIAL HANDLING 16/6

Contact persons Thurne Teknik:
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09.00 - 09.30	Coffee & Snacks with a short review of the following tour. Welcome to "Transparenz 2"	Portalhaus PH1	
PNEUMATIC CONVEYING / FEEDING			
09.45 - 10.15	Coperion Alexander Mairose	Complete Systems for Bulk Material Handling Special attention: Hygienic Rotary and Diverter Valves	5.0 D34
10.30 - 11.00	Coperion K-Tron Otto Rothlin	Simple and modular Pneumatic Conveying Systems for dust free conveying of powders, granules and bulk solids Special attention: Dense Phase Conveying	5.0 D34
11.15 - 11.30	Coffee & Ice-cream	Outdoors	
11.45 - 12.15	Coperion K-Tron Otto Rothlin	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
12.30 - 13.30	Lunch	Welcome to "Transparenz 2"	Portalhaus PH1
POWDER PROCESSING			
13.30 - 14.00	Andritz KMPT Gunnar Grimm	Full range of Drying and Dewatering Technologies Special attention: Dryers & Powder Mixers	6.0 A52
14.15 - 14.45	Quadro Engineering Christophe Sedlak	Inline Milling & Sieving Special attention: High Capacity Inline Control Sieving	5.0 C8
15.00 - 15.30	Sweco Luc Vermeulen	Vibro Energy Sieves for Wet & Dry Classification and Security Screening Special attention: first PLC-controlled Separator	5.0 A34
15.45 - 16.00	Coffee & Cake	Outdoors	
16.15 - 16.45	Coperion Alexander Mairose	Compact Sack Packaging Machines Special attention: Modular Design Technology	5.0 D34
From 19.00	Casual Evening	Biergarten	



Öffentlicher Nahverkehr / Public transportation

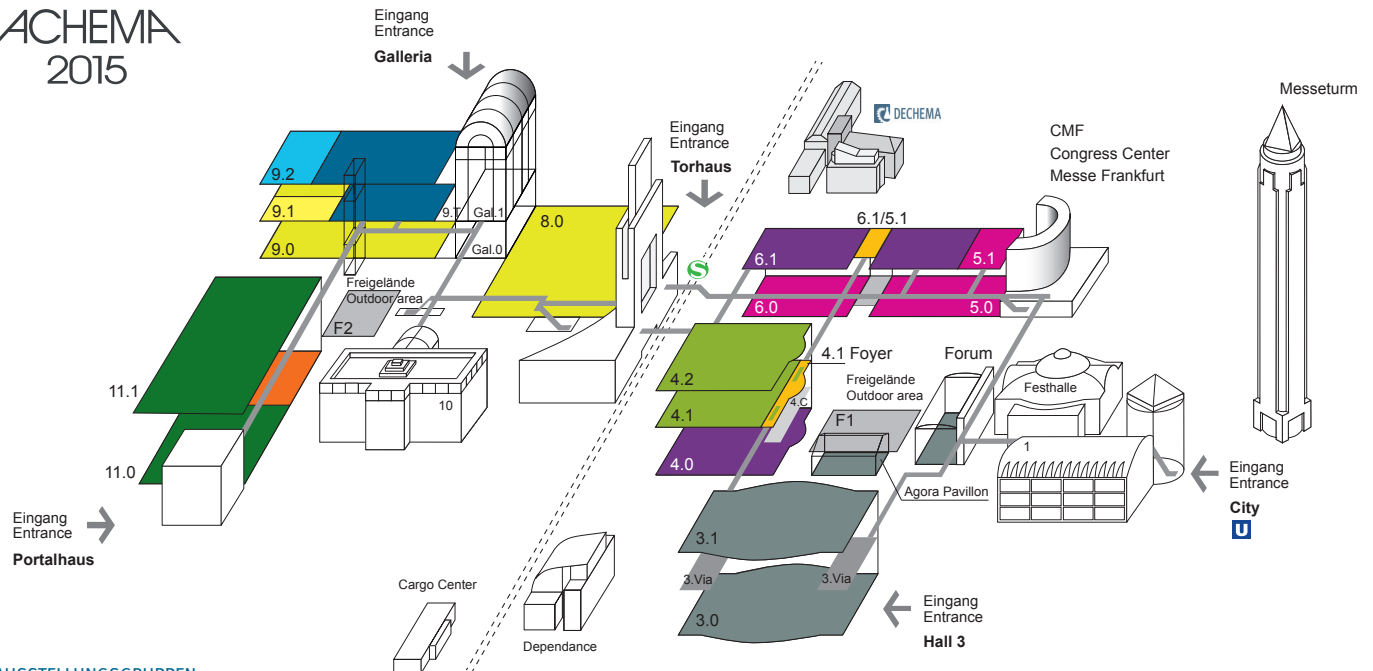


Parkplatz-Shuttle
Rebstock
Car park
shuttle Rebstock



PUBLIC TRANSPORT & EXHIBITION HALLS

ACHEMA
2015



AUSSTELLUNGSGRUPPEN EXHIBITION GROUPS

- | | | | |
|---|--|--|--|
| Anlagenbau
Engineering
9.1, 9.2, F1, F2 | Literatur, Information, Lern- und Lehrmittel
Literature, Information, Learning and Teaching Aids
4.1 Foyer, Übergang/Passage 5.1-6.1 | Pharma-, Verpackungs- und Lagertechnik
Pharmaceutical, Packaging and Storage
Techniques
3.0, 3.1, Agora Pavillon, Forum.0, F1, F2 | Thermische Verfahren
Thermal Processes
4.0, 5.1, 6.1, F1, F2 |
| Forschung und Innovation
Research and Innovation
9.2 | Mechanische Verfahren
Mechanical Processes
5.0, 5.1, 6.0, F1, F2 | Pumpen, Kompressoren und Armaturen
Pumps, Compressors, Valves and Fittings
8.0, 9.0, 9.1 | Werkstofftechnik und Materialprüfung
Materials Technology and Testing
11.0 |
| Labor- und Analysetechnik
Laboratory and Analytical
Techniques
4.1, 4.1 Foyer, 4.2 | Mess-, Regel- und Prozessleittechnik
Instrumentation, Control and
Automation Techniques
11.0, 11.1 | Sicherheitstechnik und Arbeitsschutz
Industrial and Labour Safety
9.1 | |

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