

inside acat

■ Newspaper for customers, friends and employees

GLOBAL PLAYERS:

ACAT, the expert for paper chemicals

FLOCSTAR® HP:

The innovative new product range

A SUCCESS STORY:

Screw press goes „Streif“



Applied Chemicals International Group
Technical Service is our Success

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ACAT offers the perfect solution for odour neutralisation: the Skyvell product range



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Photo: Nestler-Kenzian

Manfred Zabl

Dear readers,

Once again the focus of the 21st issue of our magazine is the paper industry, one of the main pillars of our business. Thousands of years ago the traditional craft of paper making took its beginnings with the manufacture of papyrus and parchment in Egypt, it has its real origins in China, where at the time of Christ's birth a method for producing paper was developed. The manufacture of paper has always been a great art, combined with high technology and it is a sign of an advanced civilization and culture. Since then nothing has changed at all, the difference is in demand and requirements. In the past, increasing bureaucracy and documentation requirements and the increased exchange of knowledge and information determined the papermaking process. Today, the increasing demand of environmentally friendly packaging as well as the demand of various innovative paper products present us with new challenges.

Electronics are penetrating ever further into all areas of industry and life. They certainly cannot completely replace writing and printing papers, but the market for these qualities is currently experiencing a downturn. In return, IT media plus mail order business is increasing the demand of packaging paper. A new era has begun: the changing demand on the market requires intensive development work and innovations keeping us busy for the next few years.

In order to further optimise writing and printing papers and to meet the increasing quality requirements for packaging materials, it is essential that the individual links in the supply chain collaborate closely not forgetting that today, environmental sustainability is increasingly required. Paper and cardboard are made of renewable raw materials and therefore, in contrast to many other products they are particularly environmentally friendly. Furthermore, the high recirculation rate is unparalleled in industrial production processes. The processing of biological raw materials together with recycling paper products in one process is a major technological challenge for papermakers.

Modern papers must have high strengths and low weights. Constantly changing conditions and increasing quality demands on the final product make this task extremely difficult.

We have committed ourselves to make every effort to assist papermakers in finding solutions to problems. The combination of application support, high level of technical service, advice as well as improvements and technological innovations up to patented technologies in collaboration with customers should benefit our customers and partners and offer them the much-needed added value. Delivering products to customers is easy. There are many companies that are able to do it, but only a few of them are able to work on the optimisation of chemicals, on solutions to problems and on further development. Our company is one of them! In this issue you can read more about it.

With this in mind, I wish all our readers an interesting and informative read, and happy and relaxing holidays.

Manfred Zabl
CEO APPLIED CHEMICALS International Group

ACAT INTERNATIONAL APPEARANCE

CMS 2015 - INCREASE IN DEMAND!

Our new Vapour Phase System (VPS mini system) for the control of all kinds of odours was a great hit at CMS 2015.

Cleaning Management Services, CMS, an international trade show for cleaning systems succeeded in establishing a new visitor record. Between 22 and 25 September more than 20 000 industry representatives from 66 countries travelled to Berlin in order to gather information about new developments in the field of cleaning equipment, cleaning and maintenance products and of course, our FreshWave®IAQ.

Our natural odour eliminator is the perfect complement to cleaning agents. More than 300 visitors were impressed. We distributed more than 400 free samples and whilst at the fair we received numerous orders and continue to enjoy strong demand for our products.

This year we presented our new VPS mini system, which covers a broad range of applications. It can be used, for example, in hotels and homes for the elderly, but also for crime scene cleaning. It was perceived by visitors to be an efficient alternative to conventional ozonisers.

We draw a positive conclusion from our trade fair



*There was hustle and bustle
and great interest at our booth at CMS Berlin*

presentation: at CMS 2015 we were able to make close contact with both, users and distributors. CMS 2017, we will be back for sure!

Text: Lorenz Dycke

"SLOVENE PAPER DAYS" IN BLEED

ACAT presented itself to the local paper industry as a strong partner in Bled, Slovenia.

Once a year the exhibition "Slovene Paper Days" takes place in the beautifully located Bled. With its debut at this year's exhibition ACAT launched its business activities in Slovenia, an important producer of paper and pulp in Central Europe. There are some very well-known manufacturers successfully holding their ground on the highly competitive market.

We took this opportunity to present ACAT as a serious partner for the Slovenian paper industry. We are optimistic about the opportunities in this market. To preserve the memory of this exhibition, we served freshly tapped wheat beer from Salzburg, which pleased not only the Slovenian palate.

ACAT regards this exhibition as an important place to



establish and maintain customer contacts in our southern neighbouring country and therefore in the coming years participation at the DITP - Pulp and Paper Engineers and Technicians Association will be a fixed date in the schedule of ACAT.

Text: Roman Eichbauer

THE ACAT-TEAM WAS THERE

ECOMONDO EXHIBITION 19TH EDITION



ECOMONDO EXHIBITION from 3th to 6th of November 2015 Rimini/Italy

ECOMONDO is the largest showcase in the Euro-Mediterranean area for advanced and sustainable technology for processing and recycling all kinds of waste; treating and reclaiming water, waste and polluted marine sites, efficient use and transformation of raw processed materials. Furthermore, monitoring and treatment of air pollution in every type of industrial application. In order to meet new contacts, old customers and develop this area of the market ACAT attended this exhibition into the monitoring and treatment air pollution event.

ACAT is a leading developer of safe and effective industrial odor management solutions for a wide variety of applications with ECOSORB® odor eliminator. ECOSORB® products use natural ingredients to eliminate industrial smells, without the need for harsh chemicals or masking fragrances. Highly versatile and proven efficiency, Ecosorb® odor control products offer a complete solution to all odor issues.

We don't mask odors; we eliminate odors!

ECOSORB® is not like the commonly used fragrances others use to "hide" industrial odors. Much of the

time, these masking fragrances don't work to control odors, and if they do, it's a short-term solution at best. Once the fragrance wears off, the malodor returns. What's worse, despite the pleasant names, most masking fragrances are anything but natural. ECOSORB® products are just the opposite. They don't mask industrial odors, they react on a molecular level to neutralize them. ECOSORB® is fast and effective; the fundamental mechanisms involved are adsorption, absorption, gas solubility and reaction. When diluted with water and broadcast via atomization, the tiny water droplets created contain a thin oil skin that creates an electrostatic charge. This charge facilitates adsorption of the malodor molecules onto the droplet surface. The gas is absorbed by the droplet (solubility) and held.

ACAT offers an industrial odor management solution that's safe for you, your process and the environment. ECOSORB® odor eliminator is biodegradable and can be applied through a number of delivery systems, including atomization, vaporization, encapsulation or infusion into end products to solve the odor issues of every industrial and municipal sit.

Text: Claudio Boscolo

WEFTEC 2015:

Focus on sustainability and energy saving

The largest conference and exhibition for water technology in the United States was a good platform for introducing ACAT screw presses.

This year WEFTEC took place in Chicago between 26 and 30 September, 2015, McCormick Centre. It is the largest conference and exhibition for water technology in the US.

For the third time the machinetech division was represented together with our partner Kusters Water from Spartanburg, South Carolina. There was a keen interest in our screw presses and specific enquiries for trial operations have already been discussed during the fair. Even New Zealand indicated an interest.

There were also some competitors exhibiting screw presses which shows that there is a growing market for screw presses in the United States, and we want to participate in this market.

The main topic of the show was sustainability and energy saving. These are exactly the strengths of our screw presses, therefore we expect a positive business development in this area.



*At WEFTEC there was
a keen international interest in our products*

Also ACAT management made use of the fair to strengthen the relations with our American partner.

Text: Volker Schmitz

EUROPEAN COATINGS SHOW 2015:

Trend is moving towards more sustainability

ECS is a key innovation driver for the paints and coatings industry.

As once again, after four days of knowledge exchange with top-class experts, the European Coatings Show (ECS) and the Congress ended very successfully. ACAT had many customer and supplier contacts.

With 1,024 exhibitors in seven exhibition halls and about 28,000 trade visitors from over 110 nations, the ECS is the world's largest and most important trade fair for the production of high performance coatings, paints, sealants, construction chemicals and adhesives. This year, exhibition and congress clearly showed that the trend towards sustainability is a key innovation driver for the paints and coatings industry.

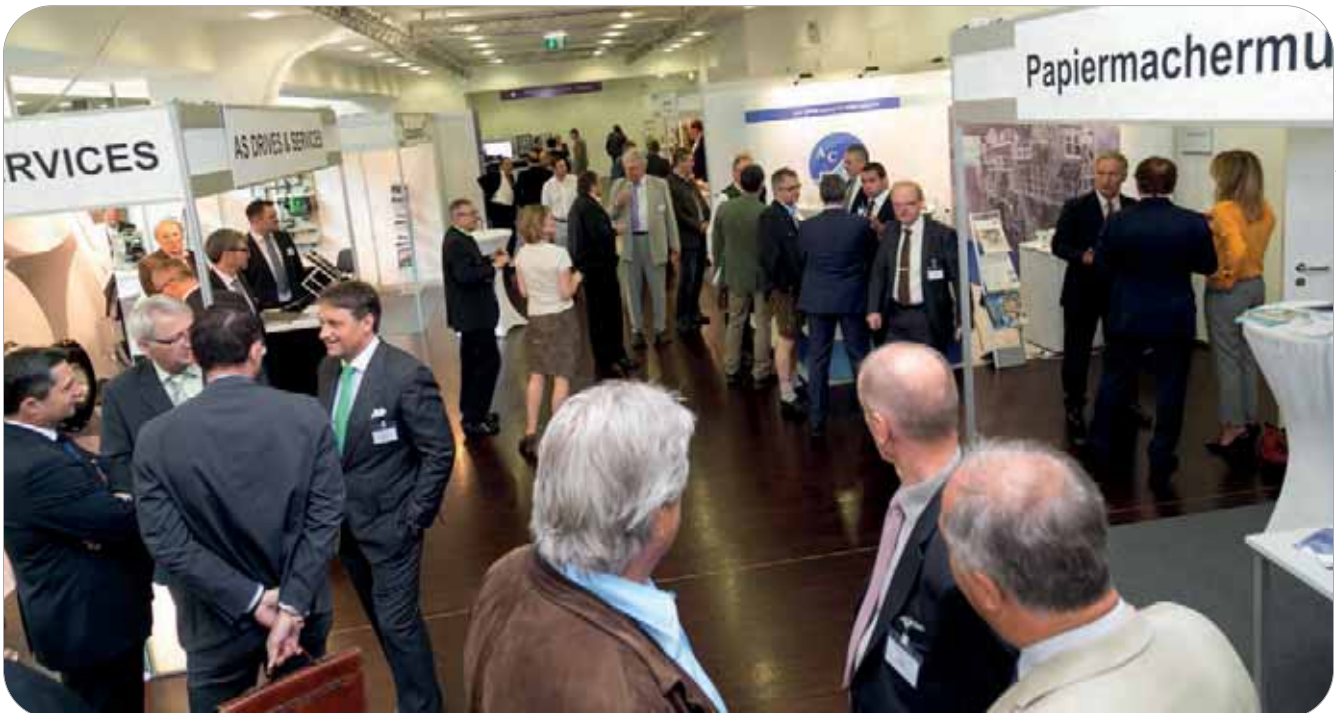
Text: Alex Frank



Photo: ECS

*ECS 2015: 1,024 exhibitors in seven exhibition halls
and about 28,000 trade visitors from over 110 nations*

APV - An exhibition highlight for the Central European pulp and paper industry



The annual meeting of the Academic Paper Engineers Association (APV) in Graz is always a highlight for the Central European pulp and paper industry. In addition to very interesting professional lectures it offers the opportunity to share experience and to develop networks between visitors and exhibitors. It is nice to discuss in a pleasant atmosphere away from everyday production, with colleagues and highly competent experts.

ACAT considers it a matter of course to be exhibitor at APV to contribute to the success of the exhibition, therefore, this year we invested in a new booth to show that we will also exhibit in the coming years.

Each year the highlight is the evening event at the Grazer Schlossberg. In addition to the exchange of professional information it is an opportunity for personal conversations in a relaxed atmosphere. Many visitors made extensive use of it until well after midnight.

Text: Roman Eichbauer

ACAT: The expert for paper chemicals

Successful applications on numerous paper machines, know-how and all the necessary resources in the field of start-ups of paper machines - there are only few medium-sized companies with similar expertise in paper chemicals and their correct use, like ACAT.



Photo: Spiola

AUTHOR:

NURI KERMAN

ACAT is a long-time partner of the paper industry. Worldwide there are only a few medium-sized companies with similar expertise in paper chemicals and their correct application, like our company. These include numerous worldwide successful applications on both old and modern paper machines. We have comprehensive experience in the start-up of paper machines, we maintain sufficient stocks of replacement products and we are able to offer tailor-made treatment and dosing systems.

Over the last five years, ACAT's Paper Division has tripled its sales. How was that possible? Above all, you need the right team! The success of a company depends on the expertise of its staff. We do not want to sell only products but also innovative solutions. For many years now, we have assisted and advised customers.

When recruiting employees, we attach great importance on motivation and dynamism, combined with the necessary knowledge of papermaking is already half the battle. The driving forces for our growth are constant product developments, especially in retention aid systems and dry strength. When developing new products, it is very important to have the right partners, on both sides: chemistry and customer. Fortunately, they still exist: paper makers who are keen on experiments. Laboratory tests may achieve great results, but the endurance test must be carried out on the paper machine! Together with the employees of our customers, we strive to develop projects concerning prod-

uct improvements and cost reductions until successful completion. It is a great advantage that we build the dosing and processing systems ourselves allowing customized solutions which are much appreciated by our customers. ACAT is able to offer simple installation work, programming, electrical and welding work, nearly everything on site and as we use our own staff, we are very flexible.

What does the future hold in store for our Paper Division?

Like many other industrial companies we depend on the ever-changing market conditions. For years the paper industry has been changing with experts expecting a continuing decline in demand for graphic papers in Europe. Depending on the data source used, a loss of about 20% is anticipated over the next five years. This negative trend affects our sales figures in the paper business unit just like the strategies of our clients and other companies. Currently, a reorientation is taking place: away from paper to other new industries, such as energy. The resulting losses have to be compensated. Fortunately, in recent years globalisation has triggered a trend towards e-commerce and structural change leading to a big boom in packaging papers meaning the losses in production of graphic papers could be more than offset. We are sure that the coming years will remain exciting, but we are convinced that there will always be a demand for paper!

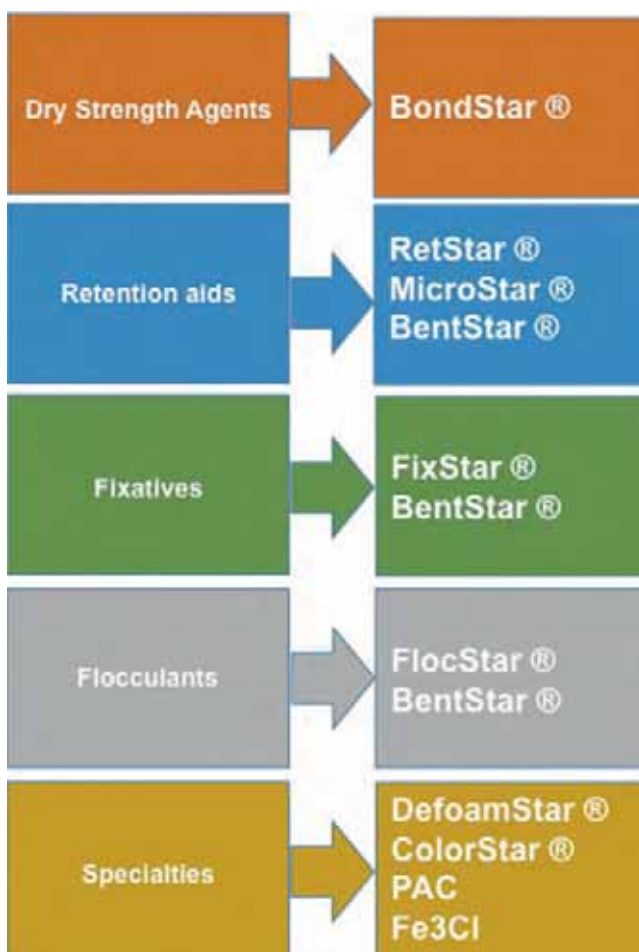
One Stop Shopping?

We say: No! We are convinced that this strategy is not realistically achievable. Today no one can be a specialist in all applications. Only a few applications engineers understand the mode of action and the use of all specialty chemicals for the paper industry. We do not presume to have this ability but we have specialized in the following areas, in which we are world champions!

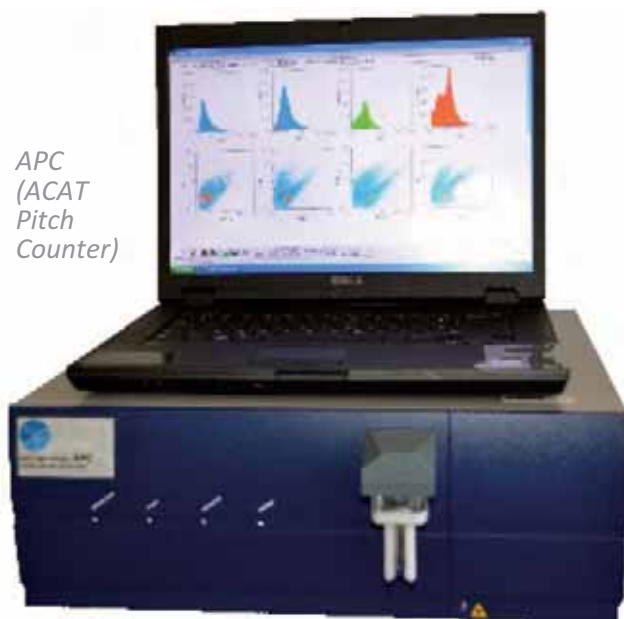
ACAT Papertech offers a wide range of products (see graphic):

Over the last ten years cost savings in raw materials has led to the creation of a new market for dry strength agents. Additionally, the high recycle rates and the declining quality of recovered paper also played an important part. ACAT is a frontrunner in dry strength agents. We are broadly positioned and we can offer a wide product range.

Produts of ACAT Papertech



APC
(ACAT
Pitch
Counter)



APC (ACAT Pitch Counter)

ACAT has always been a strong partner in the field of retention agents. Our patented MicroStar® system bears witness to this fact.

Our approach and expertise in the field of fixing agents as well as the treatment of stickies, white pitch and sticky substances originating from pulp and pulp production are unique. Our APC (ACAT Pitch Counter) is an important tool for the analysis of systems, product selection and process optimization. We advise clients on system conversions, we help them to reduce costs and improve runnability.

Our specialties also include flocculants used in in paper machine circuits and in wastewater treatment plants. In the event that complex problems occur we are assisted by our watertech experts - watertech is another pillar of ACAT.

Our worldwide offices

acat.com

your global partner for better solutions

ACAT International Group

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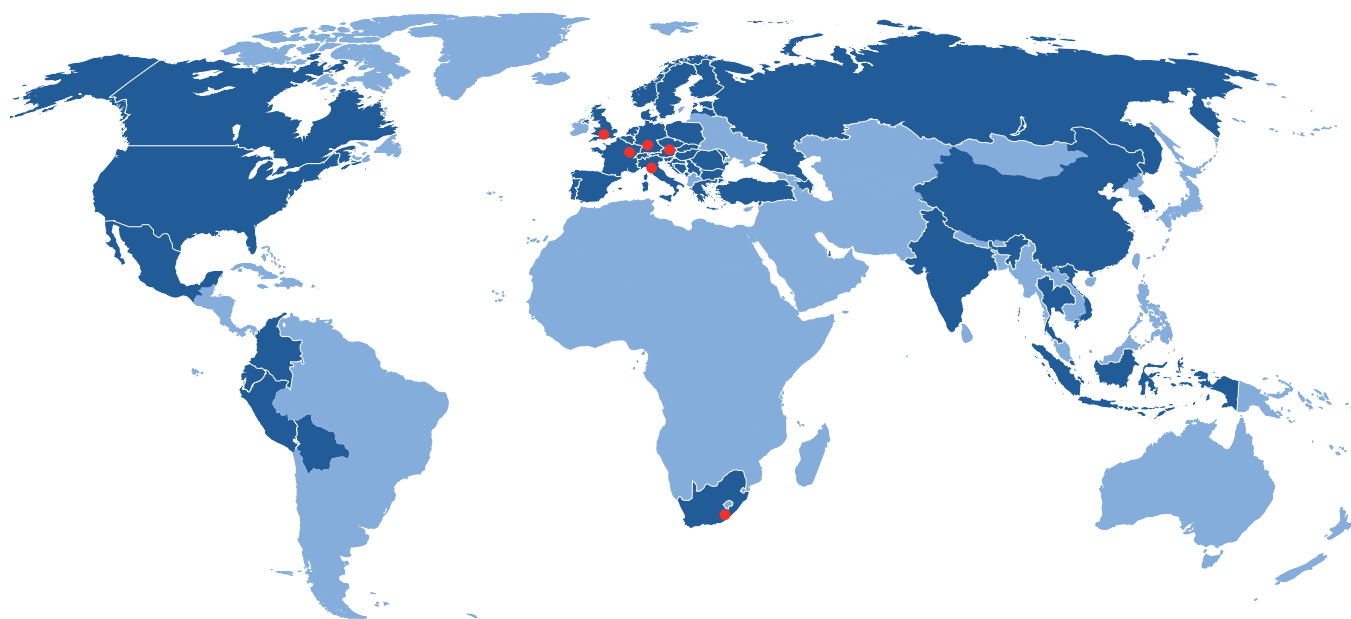
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● our office destinations

Photo: M. Hermsdorf/pixelio.de



Our office in Bangkok will start as a hub in 2016

Unfortunately, some of our specialties are not available in all countries, including brown dyes, ventilators, defoamers, odour inhibitors and inorganic salts, such as PAC, or ferric chloride.

At the beginning of 2016 our office in Bangkok starts as a hub for Asia

We have chosen Bangkok as a hub for Asia, because Bangkok is very centrally located in Southeast Asia. It is the perfect place for the support of our increasing activities in Asia, particularly in China, Indonesia, Thailand and Vietnam.

There are many flights from Bangkok to all key business destinations. Another advantage is that there are many young people with higher education. As English has established itself as second language in Thailand there are no serious communication problems and Thailand itself is also an interesting market. The country is undergoing a change: purchasing power is increasing and private consumption is rising.

Thailand's paper production now amounts up to 5.5 million tons / year making it an interesting sales market for our products.

Head of our activities in Thailand is Mr Peerapol Putsri.



SKYVELL PRODUCTS: The convincing solution for odour control

ACAT is an established specialist in industrial and commercial markets. It offers the optimal solution for odour neutralization: The Skyvell product range based on natural and biodegradable active substances convinces!

AUTHOR:

ALDO RANDISI

For several years now, ACAT, an established specialist in industrial and commercial markets for odour neutralization, has offered optimal solutions.

Spilled milk, unwanted pet odour, child travel sickness - malodours develop very quickly. Conventional fragrance sprays can help very little, because they only treat surfaces. In textiles, furniture or tiles the contamination seeps deeply into the material and so the offensive odour returns after a short time. Skyvell quickly degrades odour particles.

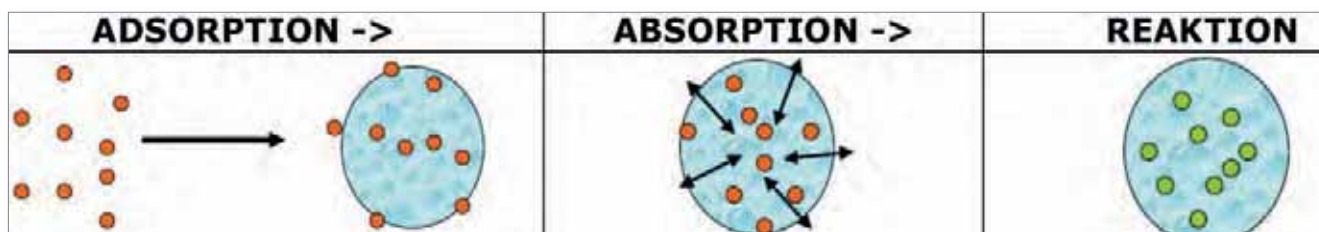


Skyvell - only natural fresh air and nothing else!

Skyvell is based on wholly natural essential oils that are harmless to humans, animals and environment. How does Skyvell work?

Skyvell

Natural
Air Purifier



Skyvell - a science, only natural fresh air and nothing else!

ADSORPTION -> ABSORPTION -> REACTION

Adsorption:

The mix of alpine mountain water and natural oils generates a weak electrostatic charge attracting malodorous molecules.

- **Malodorous molecules are attracted**

Absorption:

The essential oils dispersed in the water droplets increase the water solubility of the undesired molecules and so they come into close contact with water.

- **Malodorous molecules form compounds. Therefore they are no longer perceptible by human nose.**

Reaction:

The undesired molecules react with water by forming natural organic salts. The quantities are imperceptible.

- **Now the malodorous molecules are neutralised.**

There are numerous products on the market, many are less known and some bear very well-known names. But they have one thing in common: they promise you the moon, but usually they cannot keep their promises.

Of course you could say there are already many products on the market similar to Skyvell. Most certainly - but these products only have one or two of the above mentioned properties. Skyvell products have all three properties and moreover, they are safe and harmless and can be used even in the presence of children and

SKYVELL IS CONVINCING WITH...

...three characteristics distinguishing it from similar products.

1. Skyvell products are made of natural ingredients only; they do not contain chemicals or alcohols. Therefore they are safe and harmless to humans, animals and the environment.
2. Skyvell products destroy malodours, conventional products mask them!
3. Skyvell products leave a subtle pleasant scent, which most people associate with a walk in the wood. Other products often develop artificial and intrusive odours unnecessarily irritating the respiratory tracts.

pets. We can offer our Skyvell products in various sizes and types of applications:

→ Spray; ideally suited for fast and targeted odour control in the air and on surfaces.

→ Gel; for continuous odour control, 24 hours a day, 7 days a week. Suitable for rooms of about 15-20 m².

→ Multit Use; eliminates stubborn odours penetrated deeply into fabrics and carpets by adding to the washing machine or cleaning equipment.

From 2016, Skyvell-products will be available gradually in qualified specialist stores.

Further details can be found on: www.skyvell.com

SPECIALTY CHEMICALS FOR HIGH-TECH APPLICATIONS

We supply a wide range of specialty products for various applications. Our service does not only include products but also high-quality technical advice and the development of new additives in close cooperation with customer and producer.



Photo: Christine Nestler-Kenzian

AUTHOR: ALEX FRANK

Among others, we offer defoamers, dispersants and wetting agents used, for example, for the production of various paints and coatings. The underbody protection for well-known automobile manufacturers is such a special application.

Our delivery program also includes thickeners and rheological additives. They are used for a great number of applications, such as adhesives.

Pigments and pigment preparations are very often developed to meet individual customer needs. Examples of customer-specific applications are the dyeing of tablets, seeds and others. Powder additives are particularly used in the construction industry, for example to prevent crack formation in screeds.

Functional fillers are widely used -

for example in rubber industry, for seals and sealing compounds.

Our agricultural products are mainly used in "Wurzel Dips" and for the greening of difficult terrains.

Mineral flame retardants are used in the production of fibreboards.

Due to the variety of applications and products the excellent expertise of our technicians is essential. Formulations and applications are optimized in cooperation with customers and suppliers according to our guiding principle *"Technical Service is our Success"*. ●

A WINNING TEAM FOR TEN YEARS: ACAT and Werkstoff+Funktion Grimmel

Ten years of a successful cooperation with the company Werkstoff+Funktion Grimmel Wassertechnik GmbH in the field of mechanical pre-treatment!



AUTHOR:

CHRISTIAN KOZANDA

In 2004 we started with the introduction of Grimmel Wassertechnik GmbH components for the mechanical sewage treatment (compact systems with cylindrical grit separator, flat-fine screen, round-fine screen, screenings washing systems, grit washer and much more) in Austria. Today we proudly look back on many successful installations (for example, the treatment plant Stotzing, see photo).

Also this year the demand of the robust original flat-fine screen, which is able to work without mechanical moving parts in the inflow channel (no chains or gear

wheels), continues to be undiminished and we have achieved many new references in the last few months.

We would like to take the opportunity to thank the operators of sewage treatment plants and the entire staff for the trust that you have placed in our company: WWTP Ebersdorf / Wilfersdorf ($Q_{\max} = 105 \text{ l/s}$ with 4 mm gap width), WWTP Mureck ($Q_{\max} = 50 \text{ l/s}$ with 2 mm gap width), WWTP Münchendorf ($Q_{\max} = 100 \text{ l/s}$ with 3 mm gap width), WWTP Breitenau ($Q_{\max} = 40 \text{ l/s}$ with 3 mm gap width), WWTP Croatian Geresdorf ($Q_{\max} = 20 \text{ l/s}$ with 2,5 mm gap width).

We will present the latest generation of flat-fine screens at IFAT 2016. We look forward to continuing our successful cooperation with Grimmel Wassertechnik GmbH as a reliable partner!

GAV Fischatal - KA Gramatneusiedl 7.000 EW



After the dismantling of the old chamber filter press the wastewater treatment plant Gramatneusiedl acquired a custom tailored system for mechanical cleaning and sludge dewatering consisting of the ACAT screw press size AS 505 L (max. 156 kg DS / h), a complete pumping and conveying equipment, a polymer processing plant and an electrical switch and control system.

AUTHOR:

CHRISTIAN KOZANDA

In February 2015, the project for the extension and the adaptation of the wastewater treatment plant Gramatneusiedl to the latest technology was tendered by the Ingenieurbüro IUP. In June we received the

order for the new construction of the mechanical cleaning and sludge dewatering system from Installationstechnik GmbH.

Now mechanical cleaning is carried out by a compact system with an aerated grit chamber and grease trap and a grit washer. After the dismantling of the old chamber filter press by Forstenlechner Installationstechnik GmbH, we installed the new screw press size AS 505 L (max. 156 kg DM / h), the complete pumping and conveying technology, the polymer processing plant and the electrical switch and control system. The plant went into operation as planned in November 2015.

Many thanks to the company Forstenlechner Installationstechnik GmbH for the successful cooperation and for the trust you have placed in our company once again!

SCHNECKENPRESSE GOES „STREIF“ -

ACAT delivered a sludge dewatering unit specially designed and adapted to the local conditions of Kitzbühel



AUTHOR:

CHRISTIAN KOZANDA

In September 2015, a brand new ACAT screw press AS 705 L went into operation at the Wastewater and Solid Waste Association Großache Süd - Wastewater Treatment Plant Kitzbühel (46.550 inhabitants).

The entire peripheral system and the existing sludge dewatering system with a chamber filter press built in 1989 was no longer up to date and therefore, in spring 2015, it was decided to test different dewatering systems on site, in order to find a suitable new sludge dewatering system for the specific sludge conditions in Kitzbühel.

Test pressings were carried out and the „fully automatic screw press“ proved to be the ideal drainage solution.

At the end of April 2015 we received the order to dismantle the old plant and to install the new sludge dewatering system. Based on the results obtained



The experimentally determined values were achieved and the plant is running in automatic mode now

from preliminary tests it was decided for sludge conditioning with a solid-liquid polymer station to be able to apply different polymer mixtures. A new automatic solids measurement system regulates the quantities needed.

It was decided for the screw press AS 705 L (300 max.kg DS / h) equipped with a mixing reactor for the selective control of flake sizes.

The new discharge conveyor system is automatically controlled by level, therefore it is possible to fill two containers with two electrical swivelling discharge chutes.

On 31 August the old chamber filter press was dismantled

and the Installation of the new system started. All pipelines, the switching and control system, the agitator, the sludge silo and some other parts were renewed. As the storage of the accumulated sludge was only possible for a few days, the work was carried out without interruption even on weekends to keep the costs of an external drainage low. The commissioning of the plant was already on 23 September. The experimentally determined values were achieved and the plant is running in automatic mode now.

We would like to take this opportunity to, once more, thank the Managing Director Mr. Ing. Mag. (FH) Manfred Embacher and the entire team for the excellent cooperation.

NEW SLUDGE DEWATERING SYSTEM

For the Zweckverband Abwasserregion
Laufental-Lüsseltal (Switzerland)



AUTHOR:

VINCENZO CARCO

The Zweckverband Abwasserregion Laufental-Lüsseltal was founded in 1968 by the municipalities Lauf, Röschenz, Wahlen, Dittingen, Zwingen, Blauen Brislach (former Kanton Bern, today Baselland), Breitenbach, Büsserach, Erschwil und Fehren (all Canton Solothurn). In the following years the municipalities Bärschwil, Beinwil und Grindel joined the association.

The Zweckverband Abwasserregion Laufental-Lüsseltal set itself the goal to treat the entire public sewage of the region.

The waste water of the 15 municipalities and of the company RICOLA (important industrial company) flows via the public sewer system to the sewage treatment plant (ARA) Zwingen. In case of heavy rains the diluted wastewater is stored temporarily at various

locations within the catchment area in existing mixed water basins and in the storm water tanks of the sewage treatment plant. During drier weather it is discharged to the sewage treatment plant ARA Zwingen where the waste water is purified by a 3-stage mechanical-biological-chemical process.

The extension of the plant by an own sludge dewatering system was planned. ACAT was invited to carry out dewatering tests to obtain meaningful results concerning degree of drainage, polymer consumption and filtrate quality. Based on the results, an economic efficiency calculation was carried out confirming the efficiency and profitability of a screw press.

Studies have shown that screw presses are the most suitable systems for sludge dewatering. With near-silent operation the ACAT screw press delivers excellent drainage results.

By public tender ACAT was determined as the best

bidder for the entire installation of the sludge dewatering unit.

The screw press installed, type AS 505 L, is designed for a throughput of up to 156 kg DS / h. The scope of delivery included the polymer preparation, the pumping technology for thin sludge as well as piping and wiring systems.

Due to our extensive experience of applying additives and to our expertise with drainage aggregates the warranty values were achieved with ACAT FlocStar® HP during the commissioning without further optimization.

The entire sludge dewatering system is suitable for unattended 24-hour operation.

We would like to thank all those involved, in particular the staff of „ARA Zwingen“, for the excellent and fruitful cooperation.

Mechanical pre-purification with vertical screening

AUTHOR:

CHRISTIAN KOZANDA

If there is no space for a conventional screening plant, the ACAT vertical screening is the ideal solution.

It does not matter whether the vertical screening is installed at the pumping station before the sewage treatment plant to protect downstream process components from blockages (see photo right: WWTP United Heinrichschlag) or in front of the membrane systems with 2 mm holes for membrane protection.

For more than eleven years, this system with integrated screenings and an easy-to-open stainless steel pressing zone for maintenance (no plastic sheaths) has proved successful. The ASFINAG order for the pumping station Maisdorf rest area A9 is proof of this. In recent years, the company has already equipped several new motorway services with the ACAT vertical screening system.



FLOCSTAR® PRODUCT RANGE

We offer optimised products and in-depth application know-how

AUTHOR:

ERICH SAILER

For many decades, ACAT has been active in the field of flocculants.

For a long time, producers have been driven to develop ever more efficient and technically sophisticated products to play a leading role in the highly competitive market. ACAT has decisively helped to shape the research and development of new products by entering a strong strategic partnership with the market leader. Subsequently the company has advised Austrian and Swiss customers in the application of the resulting innovations. Technical advances and continuous product development has enabled us to always offer customers the optimal solution. Today, the flocculants are fully developed, product innovations have become less and with products of various suppliers being quite similar, nowadays the focus is on prices. Accordingly, producers work on the optimization of production costs in order to help customers to save costs. A consequence of this development is the reduction of the product range which can have a negative impact in some areas.

ACAT has long-term customer relationships and of course, the company endeavours to offer customers technical innovations combined with reliable technical advice.

In order to promote further developments and optimisation, ACAT has now developed its own product range with the FlocStar® HP products. When developing our own products, we consider our wide range of applications and market-specific knowledge as well as regional differences. It is a huge advantage having access to the flocculant aids of all major manufactur-



ers. In addition, we continue to focus on our well known high level of technical service. Our expertise in the field of flocculants combined with mechanical engineering experience with dewatering equipment give us the unique opportunities we use for the benefit of our customers.

Our employees are characterized by their loyalty to ACAT and its customers. This ensures continuity in customer service. Every employee of the Swiss team of environmental technology has eleven years of professional experience. In Austria, the average market experience of the staff is even 18 years.

Contact us. We are pleased to be at your service! ●

SERVICE-TEAM TECHNOLOGY SCHEIBBS

The specialists in customer service

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The ACAT installation team
is flexible and provides
high-quality work,
regarding repair of wastewater
treatment components
and new installations.

We look forward to maintaining
and supporting your plant!
Your ACAT team



Contact

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AUTHOR:

THEO WEINBRENNER

From 1998 to 2000 ACAT was looking for a site to integrate the outsourced logistics into the company. In addition, technical support for plant stoppages and installations was needed. The key fields of activity of the Technical Service Centre Scheibbs are plant engineering and construction, the production of Ecosorb® and FreshWave® products and the technical support of other ACAT departments.

From 2015 the department has been extended by a team for service and spare parts for sludge dewatering. Josef Söllner is responsible for customer service. His activities include the analysis of the problems, the supply of spare parts, the manual assembly and the entire ordering process.

Since 2015, the team has been actively supported by our installation technician Goran Bijelic.

Of course, also after completion of the plant, our service technicians are always at your disposal: for both, maintenance and problems arising from ongoing operation.

All our employees have many years of experience in water treatment plants.

We cooperate only with suppliers or machine manufacturers ensuring short-term availability of spare and replacement parts. We look forward to maintaining and supporting your plant!



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Jürgen D. Zelz

for chemical-paper-food-water-wastewater-industry

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ACAT ART CALENDAR 2016:

PHOTOGRAPHY - MAN NATURE - SCULPTURE

Let us protect NATURE. Let us enjoy NATURE.
Let us live with NATURE. NATURE is the best pharmacy.
Find the purity and beauty of NATURE in our ACAT Art Calendar



The ACAT Art Calendar is something special: A core component of our corporate philosophy is a strong commitment to sustainability, therefore, in 2016 the focus of the art calendar is on the purity and beauty of nature. The impressive sculptures of the renowned sculptor Miguel Horn and the images of the photographer Christine Nestler-Kenzian illustrate this topic in an impressive manner. The accompanying texts are from the ancient wisdoms of the Celtic tree horoscope. The calendar is intended to accompany customers and friends of our company through a successful year.

AUTHOR:

GERTRUDE MITTERBÖCK

Discovering sculptures in nature.

You do not always have to go to museums to see sculptures. There are also sculptures in the midst of nature that integrate into the scenery coherently. These sculptures are not always revealed to the observer straight away. Some of them are simply found to be beautiful at first sight because there are embedded into nature

in such a harmonious manner. Other works are revealed after some time of contemplation only. The best is to just let everything sink in while viewing the sculptures. These objects are partly disproportionately large and very exciting through their shape and material. Sculptures in conjunction with nature can convey highly unusual visual impressions. Whenever sculptures and nature come into contact, they will react to each other and an interrelationship is created. Sculptures that are exposed to the weather in nature and can thereby be altered permanently, blending very well into the scenery.

Nature photography

Nature photography is that part of photography that has the greatest variety of motifs. Photographers walk through the scenery consciously and with their eyes open and they need to possess two important features, namely perseverance and patience, as otherwise there will be little use of all their knowledge of photography

and biology. Given situations should be reflected as naturally as possible, but without forgetting about the artistic design of the picture. In nature photography, work is mostly done with the existing light of the day. So, for instance, it is not easy at all to photographically pick out a plant, or a tree as in our calendar, and reproduce it harmonically out of a tangle in a forest. A lively background often has a disturbing effect and deprives a picture of its tranquility. This is why nature photographers spend a lot of time on arranging the background of a picture.



THE ACAT ART CALENDAR - MAKING-OF

Photographer Christine Nestler-Kenzian

The photographer Christine Nestler-Kenzian was born and raised near Steyr, Upper Austria. After completing secondary school she spent one year in London. She subsequently felt drawn to Vienna and Lower Austria where she has lived for many years in a small municipality in the Vienna Woods area.

It was precisely here, in the Vienna Woods area and its surroundings, that the majority of the tree photographs were created as a result of countless forays over a variety of seasons.

Creativity and a deep interest in arts have accompanied the photographer ever since, encompassing everything from nude, oil and acrylic paintings up to photography. Christine Nestler-Kenzian is not just comfortable with nature photography but her repertoire also includes portraits, company reportages and fine-art photography.



The Celtic Tree Horoscope in the ACAT Art Calendar

The nature-loving Celts assigned the year to trees. Similar to the 40 stone blocks of Stonehenge, the Celtic priests divided the year into 40 periods according to the life and growth cycles of trees. The Celtic Tree Circle consists of 21 trees and is based on the "Celtic

Cross", which divided the year into four seasons. The steadfast beech stands for the beginning of winter, the strong oak for the spring, the light-loving birch symbolizes the summer and the lasting olive tree the fall. Humans are connected with certain trees by the

date of birth. Similar to the zodiac signs of astrology the trees reflect our character traits.

We recognize ourselves in them, or maybe not; anyway, it's interesting and exciting to find out for ourselves and people close to us!

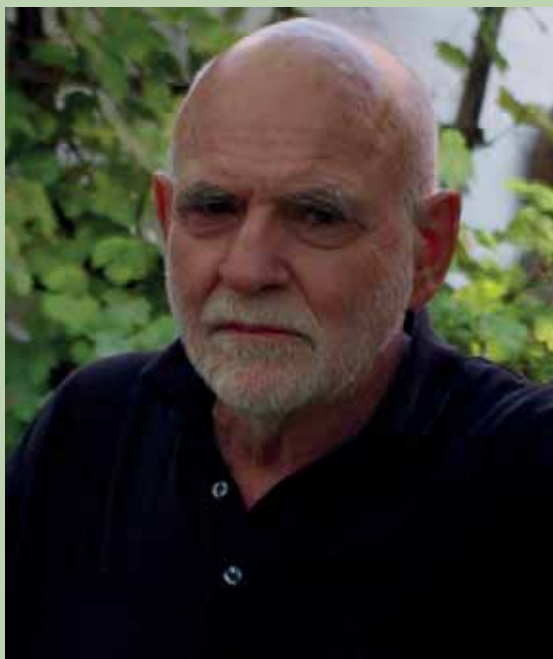
Sculptor Miguel Horn

Miguel Horn was born in Passau in 1948. He grew up in a sculptors' family in Chile and learned the tools of his trade from his parents as a youth. The 1970s were important learning and working years for Horn, which he spent in Italy, France, the USA, Brazil, Mexico and Austria.

In the early 1980s, Miguel Horn and his family settled in the Ostarrichi municipality Neuhofen/Ybbs.

Some examples of his work in the public area in Lower Austria and Upper Austria are found in the Stiftspark Melk, the park of the technical college Unterleiten near Hollenstein/Ybbs, in Grein, Waidhofen/Ybbs, Böhlerwerk, Bad Mühllacken, Engelhartzell and St. Agatha. One of his main works was created in Neuhofen/Ybbs around the turn of the millennium: the monumental "Square of the forgotten peoples" which deals with the threatening extinguishing of indigenous peoples.

In the last 5 years, he presented examples of his oeuvre in individual exhibitions in Milan, Passau and Ried/Innkreis.



ACAT HELPS EARTHQUAKE VICTIMS IN NEPAL

At the beginning of this year the earth quaked in Nepal and the people in this region found themselves in a desperate situation where emergency aid was urgently needed. Once again, the ACAT family pulled together and has helped spontaneously – with the management doubling the amount. Thanks!



People in Chartre Deurali in the Dhading district lost everything...

AUTHOR:

ERICH SAILER

On 25 April 2015, the reports of the devastating earthquake in Nepal shocked the world. Due to our trips into this region we knew the conditions of our friends living there very well, so we were able to imagine the extent of the devastation.

We knew that we had to act as quickly as possible and with the help of our Nepalese friends in Vienna we contacted helpers on site.

Above all, money was needed to provide first aid in the most effected remote regions so we immediately started an appeal for donations among friends and among ACAT staff. A few days after the first quake, my wife Sylvia and I had found companies in Katmandu who still had available tarpaulins and blankets available. With our donations, our helpers on-site were able to buy dozens of tents, tarpaulins, blankets and



food. Immediately the industrious Nepali started with the construction of emergency shelters.

In the coming week, two remote mountain villages of the province Dhading could be reached with different means of transport - trucks, motorbikes and even porters-, and people could be supplied with the basic necessities. This was all the more important, because a large part of the "official" first aid did not reach peo-

ple at all. The goods disappeared in the warehouses of corrupt politicians, or they were dropped from military helicopters. Dropping on the ground the bags burst and the food largely spoiled (photo).

Our Nepalese friends, my wife Sylvia and I would like to take this opportunity of thanking the many employees of ACAT for their spontaneous support and the management for doubling the amount collected! ●



NEWCOMERS

Jan Schlebusch

Jan graduated from the University of the Orange Free State with B.Sc (Chem). Then he completed a Higher Educational Diploma at UOFS before teaching Science at Grey College Bloemfontein. Jan further completed a B.Sc Hons (Chem) at UOFS, where after he lectured chemistry at UOFS for two years, and his M.Sc (Chem) at UOFS before joining Sentrachem. During his 21 years with Sentrachem, he held many positions including Technical Manager for Mining Chemicals, Chief Chemist, Factory Manager and Regional Manager for Natal Coastal Region. Jan joined Sappi Tugela in 2001 as Technical Manager, and was promoted to Pulp Mill Manager in 2004. Jan was appointed as Technology Development Manager in 2007, this position he held until his retirement in 2009. Jan did consultation work to develop the Sodium Lignosulphonate business at Sappi Tugela until the end of 2013. Jan joined ACAT ZA in January 2015. We wish Jan continued success and good luck for the future.



AA

Wesley Volek

As of the 16th of March 2015, ACAT South Africa welcomes Wesley Volek to the paper sales team.

Wesley has worked as Regional Business Manager and then was promoted to Senior Project Manager for a successful retail company. He then worked for the global company Unilever



helping to manage projects and logistics.

He has now joined our team as our new Area Manager and is eager to learn and study more.

Wesley has a fond passion for sports, he plays Rugby, Soccer, Canoeing and Cycling and takes part in some popular sports events annually such as the Dusi Canoe Marathon, Non-stop Dusi and the Amashova cycling marathon.

We wish him all the success in his new appointment.

AA

Bruce Cahill

Bruce graduated from the University of Natal with B.Sc. (Chem.Eng) and he also completed his Bachelor of Technology (Pulp & Papermaking) and is currently studying towards a BCom (Marketing). Bruce joined Mondi Board Mills in 1985 as process engineer and moved to Sappi Enstra as Technical Superintendent in 1990. After a five year stint with Grace Dearborn, Bruce returned to Mondi Piet Retief as Senior Process Engineer. Bruce joined Sappi Tugela as Senior Process Engineer in Pulp, before being seconded to DUT as lecturer for B. Tech programme. Bruce returned to Sappi Marketing in 2008 and remained Product Manager until joining (ACAT ZA) in January 2015. We wish Bruce continued success and good luck for the future.



AA

Frans Botha

After completing his NHD Chem Eng diploma Frans joined Sappi Enstra initially in the technical department and later moved to production as production Superintendent.

Frans joined Mondi Richards Bay as Senior Process Engineer when he also completed his Masters Chem Eng.



Frans was then transferred to Mondi Piet Retief as Production Manager. Frans returned to Mondi Richards Bay as Services Manager.

Frans joined Sudchemie as production manager and joined ACAT (ZA) in August 2015.

Frans brings a wealth of experience with him and we wish him continued success for the future.

AA

NEWCOMERS

Dragan Kojic

Almost ten years ago, I received an inquiry about a product needed in the Serbian Republic. At that time I did not realize that this would be the beginning of a success story!

Shortly afterwards, the first products were supplied into this region and we had the pleasure to get to know Dragan Kojic. He was very motivated and showed a high degree of initiative and commitment and he was always interested in learning new things. The relationship with ACAT became closer and therefore, I am particularly pleased to announce that in 2015 Mr. Kojic became a member of the ACAT family.

Mr. Kojic is a hardworking man with distinctive diplomatic skills and he coordinates our activities in Eastern Europe. We wish Dragan good luck and success at ACAT in the years to come!



ES

József Piczek

Due to our acquisition of the company Ferrecirk the workload for administration in ACAT Budapest office increased dramatically and herefore we decided to intensify our team with József Piczek.

He graduated his studies in engineering management at Budapest technical university and worked for about ten years

as an administrator of foreign trade and marketing assistant for a Hungarian company.

Meanwhile he completed the master's program of regional and environmental economic studies at University of west Hungary.

He likes sports such as cycling and playing squash. In his leisure time he likes taking photos, movies and art movies.

József will be a great support not only for Hungarian office but also for our entire ACAT group.



ES

Elmarie Pauw

Elmarie Pauw joins ACAT South Africa since October 1st in order to help with administration and international business due to the growth of the ZA branch.

Elmarie has 15 years of book keeping and tourism experience and has worked in various fields.

In her rare sparetime she enjoys travelling and the outdoors.

We would like to welcome Elmarie to the ACAT team and wish her a successful career.



AA

Sylvie Rietsch

Since September of this year Sylvie Rietsch has been working in the accounting department in Basel. With Sylvie we have found a competent and experienced employee.

Her area of responsibility includes the daily postings to the general ledger, payment transactions, value added tax returns and dunning.

She also supports Steffen Kleeb in the quarterly and annual reports of all ACAT subsidiaries, which are managed from Basel.

In her spare time Sylvie enjoys outdoor activities like hiking as a healthy balance to the dry office air.



SK

NEWCOMERS



Volker Schmitz

Since September 2015 Volker Schmitz has been serving ACAT.

Volker is responsible for the international distribution of ACAT screw presses. His task is to assess and evaluate existing contacts, to establish new contacts and to cultivate them. Volker can build on the experience he gained from his previous professional activities in international technical sales.

Volker is intrinsically German, the country of his birth, but more than ten years ago, he moved to the greater Vienna area, because of love, therefore the Austrian way of life and its qualities are also a part of him. We are convinced that he will be successful. His job requires endurance, instinct, and sometimes even a certain degree of serenity.

We wish Volker a great start. Welcome to the ACAT family!

POB



Peerapol Putsri

For ACAT International, Bangkok is the "gateway" to the Asian market. It is the ideal place for us to take the increasing opportunities available in the markets in China, Indonesia, Thailand and Vietnam.

As head of our hopeful new division in Thailand we now have Peerapol Putsri. He holds a degree in paper technology and therefore he has the necessary know-how to serve our Asian customers well and to find the best solutions for their individual requirements.

The father of two sons, he is a passionate scuba diver and motorcyclist. He enjoys travelling to expand his horizon.

We warmly welcome Peerapol Putsri in the ACAT team and we wish him and his young Thailandpaper team great success and happiness in their new duties and responsibilities!

NK

Aaron Eden

Aaron Eden comes from Northern Germany and strengthens the ACAT Papertech team.

Despite his youth, Aaron Eden has a broad expertise in wastewater treatment in paper mills. In his new job at ACAT Germany he can use this knowledge very well, because our customers expect perfect solutions for their individual problems.



Aaron Eden is fascinated by everything with an engine and if he is not spending his spare time together with his family, he is riding his motorbike.

We warmly welcome Aaron Eden in ACAT team and we wish him much joy and success in his new duties.

NK

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NEWCOMERS

Ismail Khakimov: Welcome apprentice!

We are happy to train a new apprentice at ACAT!

In March 2015, the apprenticeship contract with Ismail was signed. He was born in Chechnya in 1997 but in his home country he could attend only the first class of the primary school because in 2003 he had to flee with his mother and brother to Austria because of increasing armed conflicts. He found a new home in St. Pölten and started his first year of training in accounting. It was soon evident that the young man, who



had dropped out of technical education at the HTL, had an aptitude for numbers. Now he would like to undertake a training programme for the profession of an office clerk.

We are really pleased that we were able to awaken his interest for this profession!

Ismail is always calm and friendly. He likes to go to the gym and previously explored the nature and landscape of his local vicinity, but now he is proud holder of a driving license and enjoys driving a car, he can also get to know and admire more distant areas in Austria. We wish him a lot of fun with his expeditions and every success in his apprenticeship learning the diversity of the commercial profession.

HR

ANNIVERSARIES

Claudio Boscolo - Ten years of full commitment

Ten years ago Claudio decided for a change in order to take up new challenges. After several years at Kemira Italy Claudio joined ACAT. His task was to build up the market for odour control products in Italy. As Italy is a really difficult market, the start-up was not easy, but Claudio succeeded. In addition, he served customers in Ticino for the Swiss ACAT environmental engineering department. It is also worthwhile emphasising his engagement during the construction of the St. Gotthardtunnel. Claudio is following and developing the ECOSORB odour control projects all over Europe. Even in difficult times Claudio shows full commitment and he consistently follows his path. In order to relax and to recharge his batteries Claudio likes jogging in his spare timesometimes going for a mountain hike and in winter he prefers cross-country skiing. At this point the ACAT team wishes Claudio all the best and every success for the next 10 years.



RR

Jasmin Thalmann - Ten years ACAT Basel



The ACAT team looks back on 10 years of professional order processing by Jasmine Thalmann. At the beginning Jasmin mainly worked for the Swiss ACAT environmental engineering department noticeable because of her excellent performance.

Today Jasmin is also active in our paper division. Her tasks include customer contacts, the organization of transport, but also special logistic issues, VAT invoices and many others.

Even in difficult situations Jasmin is always friendly with her cheerful and sunny disposition contributing to the good working atmosphere and it is also appreciated by our customers.

In brief: Thank you Jasmin, we are looking forward to a successful future together.

POB

ANNIVERSARIES

Christine Nestler-Kenzian - 10 Years ACAT

Administration is the most thankless department of a company: No one notices it, everyone needs it and things do not take care of themselves! It needs a conscientious and careful soul to do and implement seemingly self-evident things. This really essential work for a company is done with great care and patience largely unnoticed by the rest of the employees. No matter which question arises, one gets an answer within seconds!



The very sophisticated organization of our company-magazine as well as the building management of the Viennese subsidiary are just additional tasks to the main activities of the department, namely the organization and booking of our increasing business travels! Every employee taking advantage of this service agrees: "If Christine books a trip, everything will be perfect right down to the last detail!"

Mrs Nestler-Kenzian, we thank you for your great commitment and that you make our lives much easier!

Congratulations on your ten-year anniversary and we look forward to many, many years together!!

MZ

Giuseppe Forleo - 15 Years ACAT-Switzerland

Giuseppe performs pleasant and less pleasant work with the same enthusiasm, his inventiveness assures the success of his business activities.

His support is invaluable, determined, accurate, reliable and not to forget his incomparable infectious laughter.

Dear Giuseppe, the members of the ACAT team want to take this opportunity to thank you from the bottom of our hearts.

We hope that you will continue to enjoy working and that you will keep your sense of humour. Grazie mille!



VC

Steffen KleeB - 15 Years ACAT



Since the turn of the millennium Steffen KleeB has been working for the ACAT International Group. As Head of Accounting in Basel he keeps several accounts and he is responsible for the finance and administration team. As HR manager for Basel he also makes sure that also interpersonal relationships and personal matters are not neglected.

Steffen is determined in fact-based decisions, he is able to question things critically and

he participates actively in decisions to be made. His decisions are always made on in-depth factual investigations and he also makes a vital contribution in ensuring that we do not lose sight of our moral and ethical principles and that personal aspects are also taken into consideration wherever it is appropriate and possible. It is exactly this what makes our company group strong. We are looking forward to continuing to build a great future together. Keep it up!

POB

Uschi Polt-Fischer - 25th Year Jubilee!



Incredible, but true! Uschi Fischer joined our company at an early age and now she celebrates - still very young - her 25th anniversary.

The mother of a six year old child, Uschi was the first person responsible for order processioning at the newly founded ACAT group. With her unbridled enthusiasm and pioneering spirit she helped to lay the foundation for a successful future of the company.

At that time there was no Internet, and of course there were no e-mails. The fax was just coming in and it was the latest state of the art. Mobile phones weighed about 10 kilos and orders were processed with paper and pen.

Uschi, we thank you for your commitment and your loyalty and of course for the excellent work you have done until now! We look forward to many more years of joint creative work and we sincerely congratulate you on this great anniversary!

MZ

ANNIVERSARIES

Manfred Zabl - 35 Years ACAT

35 years ago, the company group mainly sold pulp and kaolin to paper industry. This, in turn, increasingly needed chemicals in order to optimize products and production processes, therefore our small chemicals business had to be strengthened urgently. Manfred Zabl joined us and took over the management of the sale of chemicals.



After just a short time initial successes clearly demonstrated that the strategic course embarked upon was the correct one. So a team was assembled gaining in importance.

Different sales strategies and the focusing on technical customer service finally led to the outsourcing of the chemical trade and to the establishment of the Applied Chemicals Handels GmbH headed by Manfred Zabl.

By deepening customer and supplier relationships, as well as with his talent to motivate and inspire employees, Manfred Zabl was able to expand the ACAT business activities geographically and to add new business divisions, making the ACAT group what it is today and that which we all know and appreciate.

Manfred, I particularly appreciate your dedication and your loyal commitment to ACAT as well as your perseverance and your farsightedness. I am sure that your decades of experience, your talent and the coaching of the next generation will lead to similar success in the future.

Thank you very much!

SOB

Staffan O. Björn - 45th Anniversary



Our Chairman of the Board of Directors Dr. Staffan O. Björn is already 45 years in the service of the CELL / ACAT group! In 1970 he joined his father's company and about ten years later, he took over the management of all business divisions of the company, which was already internationally active in the sale of raw materials for the paper industry.

At an early stage, he expanded the product range into chemical products. With this measure,

he laid the foundation stone for the establishment of the Applied Chemicals International Group in 1994 and thereby he safeguarded the company's future.

He continues to deal with new projects and he supports difficult business processes with his extensive experience and his great knowledge. He brings us back down to earth if we set ourselves too ambitious goals and he ensures that every cent is well invested, guaranteeing a solid sustainable corporate development. Everything we have achieved is attributable to seriously hard work and the fact that we kept our feet on the ground. Dr. Staffan O. Björn is the guarantor that this remains the case in the future!

We are already looking forward announcing the 50th anniversary. We congratulate him on this great anniversary and we look forward to many more years of good cooperation and massive support!

MZ



THEY DECIDED TO MARRY!

On 12 September 2015, Günter Rauch and his Barbara got married at the registry office Groß Gerungs. At a nice small ceremony in the circle of their closest family they exchanged vows and rings.

The ACAT-family wish all the best for a wonderful time together!

ANNIVERSARIES

Alex Frank - 25 Years ACAT

25 years ago, a rather young guy entered my office and claimed to be an expert in selling industrial chemicals. At that time we had no idea that this would be the beginning of a very, very long cooperation. Soon Alex moved to the paper technology department and he got to know this business area, also. The growth of the ACAT group led to increasing procurement requirement and the new EU REACH legislation



caused an increased workload. Consequently the new department International Business Support was created for these tasks. Alex took over the management of the newly founded department including difficult development work. Up to today he has mastered this task superbly beside his main job as head of the industrial chemicals division. In both areas of responsibility he is very successful. 25 years later I know for sure - he can sell industrial chemicals - there is no doubt!!

Alex, we thank you for your great commitment, for your endless enthusiasm, for the joint difficult development work and that you are always willing to listen to the problems of your employees. We are looking forward to many successful years together and we wish you continued success in your future work. Congratulations on 25 years ACAT!

MZ

Susanna Weinrother - 20th Anniversary



This edition of Inside ACAT seems to be a real jubilee fireworks of ACAT veterans.

Susie was a founding member of ACAT and has always given proof of her knowledge and skills: after starting with the company, she was responsible for the order processing of environmental technology and for various detailed work arising to a large extent in a start-up phase. Then she worked

with great commitment in the newly established Department of Mechanical Engineering that she has helped to build up with much competence and passion. Currently, she is responsible for the very sensitive area of order processing of the international paper business. Susie does all her work with all her strength and full of enthusiasm, to its ultimate consequences - and until the job done!

She was significantly involved in the changeover to the new logistics software, which is now used in all subsidiaries contributing her own ideas and playing an active part. Susie, we thank you for your tireless commitment and for your longstanding loyalty. We hope that your enthusiasm remains unchanged for many years to come. We congratulate you on your 20th anniversary and we look forward to many more decades of cooperation!

MZ

BE WELCOME BABIES!

Yippee, Marlon Vincent Bjöörn was born!

How nice, there is an offspring in the Bjöörn family again! At his birth Marlon Vincent was 51 centimetres tall and he weighed 3,500 grams. His proud parents and siblings, five-year old Leonard and three and a half year old sister Elisa, are very happy. The ACAT family congratulates!



Lujzas brother Bánk has arrived!



April showers bring forth May flowers! On 27 May 2015 Betty Oleár gave birth to her son Bánk Zoltán. The joy of the proud parents was great, and also the two and a half year old „big sister“ Lujza was delighted. The ACAT family sends congratulations on the birth of their son!

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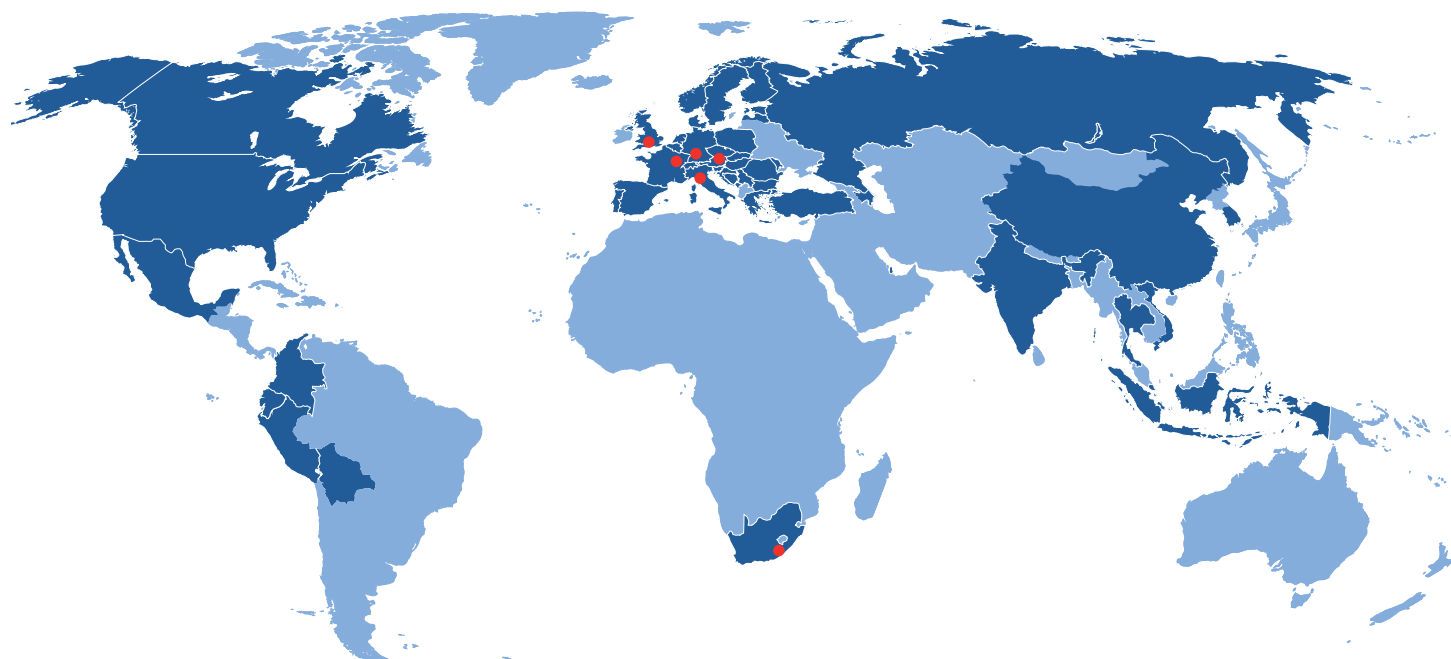
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