



wcn

Spring 2018 : Issue 58

Wire & Cable News

Newsletter of the International Wire & Machinery Association



wire 2018

Show preview inside

PLUS:

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- **Association news**
- **IWMA new chairman**
- **Member news**



Picture courtesy Messe Disseldorf

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Editorial deadline for next issue:

30 JUNE 2018

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IWMA Ltd, Wellington House, Starley Way, Birmingham International Park, Solihull, B37 7HB, UK
Tel: +44 121 781 7367 Fax: +44 121 781 7404
Email: info@iwma.org



Saying farewell to Debi



AFTER 12 years as a key figure in the IWMA, sales and marketing coordinator Debi Coleman retires after *wire* 2018.

Debi is often the first point of contact for members and has worked on over 50 exhibitions and seven technical conferences for the association. Her knowledge of the IWMA membership is extensive.

"She's a fount of knowledge about the association and its members," said former IWMA chairman Amanda Shehab.

Debi is now looking forward to a complete change of pace. She is planning to do lots of travelling with her husband Charlie, who retired from Jaguar Land Rover a few years ago. Both keen rugby fans, when they aren't travelling they'll be supporting the England rugby team!

"It's always sad to say goodbye to such a valued member of the team, but we wish Debi and Charlie all the

best on their travels," said new IWMA chairman Martin Van Der Zwan.

Debi has been deeply involved in the association's many changes in recent years. When executive manager Andy Lewis joined the team, Debi's extensive knowledge was a huge help in reorganising things.

"Basically it meant our starting from scratch to develop an efficient admin system to offer the best service possible for our members," he said.

"If it hadn't been for Debi, it would have been an almost impossible undertaking. Her knowledge of the members and how the association worked has been invaluable."

Among the changes have been the new corporate branding and website, the headquarters' move to Solihull, and a change to limited company status.

"Faced with such major changes, I have really valued her support," said Andy. "She has always been 100% committed to the association."

IWMA members' area now online

THE members' area of the IWMA website was officially launched December 2017. This new area contains a vast back-catalogue of technical conference papers, over 8,000 pages in total going back over 40 years.

All papers are searchable by paper title, conference, author or company name. The area will also include news stories about forthcoming events and wire industry information specifically of interest to IWMA members. Visit the website www.iwma.org to check it out.

Successful AGM and industry lunch

THE IWMA held its AGM at The Mere Golf Resort and Spa in Cheshire, UK in February. As usual, the meeting was well attended and there was a busy agenda.

Amanda Shehab was thanked for her service as chairman for the past three years and Martin Van Der Zwan was elected as the new chairman. Reports were made by the chairman, treasurer and technical director. Several directors reappointed.

René Branders of FIB Belgium retired from the board and was thanked for his work over many years.



Later that day, leading wire and cable producers from around the world gathered for the popular annual *Meet The Industry* lunch.

The event began with a drinks reception (*seen above*) and was followed by a three-course lunch.

“Thanks to everyone who attended,” said IWMA chairman Martin Van Der Zwan. “It was a marvellous day and we’re looking forward to meeting up again at *wire 2018*.”

Not merely a golf event



THE annual IWMA golf day on 7 June 2018 is having a makeover this year. Not only has the venue changed, but it has also been expanded to include other activities for non-golfers.

Guests can choose their preferred activity package, which could be a golf day – naturally – or a spa day.

“We hope to attract even more members to the event by opening it up to include the other activities,” said IWMA executive manager, Andy Lewis. “We will be contacting members shortly with the details.”



In this edition

There may be a new face at the top of the page, but many of you will know me from visits to our Manchester UK factory and from exhibitions all over the world over many years. I am delighted to take over from the tremendously hard-working Amanda Shehab as chairman of the IWMA for the next three years, and I would like to thank her for her service on our behalf. I am looking forward to building on her admirable work.

Of course a lot has changed for the association since she became chairman in 2014:

- We have become a UK limited company to serve the interests of the rising number of members better and more efficiently.
- We are joining the rest of the global industry in helping to open new markets such as Iran.
- Our website has had a thorough redesign and now represents the business of the association in a bright, modern way, as well as adding a members section that allows us to securely contact our hundreds of member companies worldwide.
- At exhibitions our large, redesigned stand offers a haven where members and guests can enjoy refreshments and meetings. We also now have smaller “satellite” exhibition stands to serve the needs of members in the new exhibitions around the world. Come and see us on the full-size stand in Düsseldorf!
- Our biennial CabWire event is getting bigger and better. As well as technical papers on the latest developments we have started “fundamentals” workshops, to get newcomers to the association and the industry up to speed.

A lot is happening in the industry and the IWMA is there every step of the way, offering support and advice gained in almost 50 years of working with wire and cable manufacturers.

Which brings us to my first year as IWMA chairman. We are planning something special to mark our 50th anniversary in 2020, but in the meantime there will be several improvements - like new member-to-member networking opportunities. This year’s golfing get-together, for example, will have a new look with extra activities, and other events for non-golfers are planned with the aim of bringing members together. We also hope to develop our educational trust, to do more to help newcomers to the industry.

It’s a great time to become chairman, with so much to get involved in! Our association is growing, with new members from a wider range of countries. More companies want to export and move to an international stage and they rightly see the IWMA as the gateway.

You can find out more about the next big event, *wire 2018* in Düsseldorf, in these pages, along with news of members and technical developments within the industry. If you are travelling to Düsseldorf, come and say hello!

Martin Van Der Zwan
Chairman, International
Wire & Machinery Association



New leader takes charge

Martin Van Der Zwan is the IWMA's new chairman. We spoke to him about the role ahead of the industry's biggest event of the year, wire 2018 in Düsseldorf.



MARTIN van der Zwan is eager to get things moving. "It's an exciting time to become chairman," said Martin, who when he isn't on IWMA business is chairman of Manchester-based Cable Tapes UK.

"We're celebrating the association's 50th year in 2020 – a half-century that has seen us grow from a small group of companies around the UK into perhaps the major body for the industry, operating at Düsseldorf and the growing number of satellite exhibitions, and having hundreds of members worldwide.

"That is particularly pleasing; we're gaining members in countries such as Iran, which only started to open up a couple of years ago. Having member companies so widespread means we get a far better idea of cultures and developments and what is really happening in our industry; it means our help can be more closely geared to what members need." The IWMA is clearly doing something right, since membership is very healthy and rising all the time.

"I think our growth reflects what we do for members, helping them to develop their business, increase sales and generally be seen where they need to be seen at all the major exhibitions," Martin suggested.

"If all we did was to offer help to members in arranging their exhibition visits, that alone would justify our existence since it makes the logistics of exhibition-going so much easier.

"But we also have our HQ's facilities for meetings, our library of technical papers, which puts development teams right alongside the latest thinking and regulations, and of course there's the CabWire forum – a great talking shop for members, letting them discuss matters facing the industry and the latest tech advances with fellow developers.

"For all these reasons I'm proud to take the helm of the IWMA for the next three years; I only hope we can make it even better, by encouraging even more companies to join.

"The industry is seeing major growth in

China, India, South America and other areas; we can offer them support – something of value to the individual companies and to the industry as a whole."

As we head towards another *wire 2018* in Düsseldorf, Martin is optimistic.

"The industry as a whole is very buoyant at the moment," he suggested.

"The exhibition demonstrates that. There's a huge number of exhibitors and that reflects the optimism of the industry.

"Sales are growing and it's encouraging the way the Düsseldorf event seems to get bigger each time."

Changes in the market are largely responsible for current growth, he feels.

New regulations, new initiatives such as *Industry 4.0* and the exploding domestic market for high-speed

fibre networks are boosting demand for cables of all kinds but particularly optical.

Rapid growth can bring its own potential problems – the biggest, says Martin, being over-capacity in the market and failure to keep up with legislation.

"We are already seeing this effect in Turkey," he added. "Some companies will suffer as prices and margins stay low, while new regulations will cause problems for smaller companies unprepared for the changes.

"The other issue, especially for Europe, is the uncertainty surrounding Brexit – which means investment in major new buildings and infrastructure has slowed dramatically, with knock-on effects on the cable market."

Such obstacles are partly why the IWMA has itself seen membership growth: members get the opportunity to share experiences and advice.

"And in volatile times," said Martin, "we all need as much help and advice as we can get. Banding together in organisations such as the IWMA makes us all stronger."

www.iwma.org

IWMA offers more for members at *wire* 2018

THE IWMA will have a major presence at *wire* 2018 again this year, offering members a comprehensive range of services whether exhibiting or just visiting. During the five days the IWMA will offer extended free hospitality services to members who want to entertain their customers or just take a break from their own stand.

Members can also take advantage of a wide range of business services, including private meeting space, a casual area to meet customers, German to English translation and secure overnight storage for small items. There are also general office facilities, from internet, printing and scanning and free wifi to telephone and fax.

Once again, the IWMA will host an industry gala evening for members on the Tuesday, when the winners of the *CabWire* 2017 conference technical papers will be announced.

The evening, one of the highlights on the calendar for member companies, will have a different look this year. Instead of a formal dinner, the evening will offer a hot food buffet with live Bavarian music. It will be the perfect



The IWMA stand

setting to meet colleagues and fellow members is a relaxed and enjoyable atmosphere.

Guests at the event will include several young newcomers to the industry who have received IWMA travel awards to visit the exhibition. They will tour the stands and take part in a presentation ceremony on the IWMA stand during the show.

"Our staff will be present throughout the exhibition to talk to visitors about the many benefits of membership," said IWMA executive manager, Andy Lewis. "A visit to the IWMA stand should be top of the lists for all members; we're looking forward to saying hello."



The IWMA team: (L-R) Debi Coleman, Martin Van Der Zwan, Peter Large and Andy Lewis.

**Make sure you visit the IWMA stand
Hall 11 D22**

www.iwma.org

Industry events

2018

wire Düsseldorf

16-20 April
Messe Düsseldorf GmbH
Düsseldorf, Germany
Tel: +49 211 4560 478
Email: BagciC@messe-duesseldorf.de
Website: www.wire.de



Advanced Cable Middle East

8-9 May
Dubai, United Arab Emirates
Tel: +44 20 7503 1265
Email: info@integer-research.com
Website: www.integer-research.com



wire China

26-29 September
SNIEC Shanghai, China
Tel: +49 211 4560 579
Email: MuellersM@messe-duesseldorf.de
Website: www.wirechina.net



wire India

27-29 November
Bombay Convention & Exhibition Centre
Mumbai, India
Tel: +49 211 4560 579
Email: muellersm@messe-duesseldorf.de
Website: www.wire-india.com



2019

Interwire

13-16 May
Georgia World Congress Center,
Atlanta, Georgia, USA
Tel: +1 203 453 2777
Email: sales@wirednet.org
Website: www.wirednet.org



wire Russia

Spring
EXPOCENTRE Exhibition Centre
Moscow, Russia
Tel: +49 211 4560 7725
Email: AhernsG@messe-duesseldorf.de
Website: www.wire-russia.com



wire Southeast Asia

19-21 September
BITEC, Bangkok, Thailand
Tel: +65 6332 9642
Email: beatrice@mda.com.sg
Website: www.wire-southeastasia.com



wire South America

3-5 October
São Paulo Expo, Brazil
Tel: +49 211 4560 478
Email: BagciC@messe-duesseldorf.de
Website: www.wire-south-america.com



New Metalube appointment

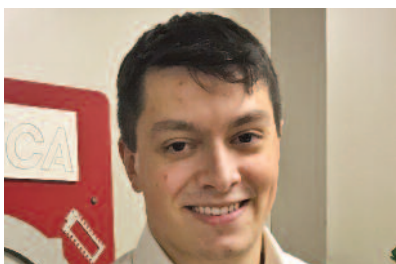


LEADING lubricant manufacturer Metalube Ltd has appointed John Mainwaring (*above*) as a senior development chemist. He will join the team at the company's HQ in Manchester, UK.

John, who has a chemical science degree from Manchester Metropolitan University, will be responsible for the management and development of Metalube chain oils and greases. He joins from Millers Oils in Huddersfield, where his expertise included auto engine and transmission oils as well as industrial products.

www.metalube.co.uk

Cable Tapes adds to staff

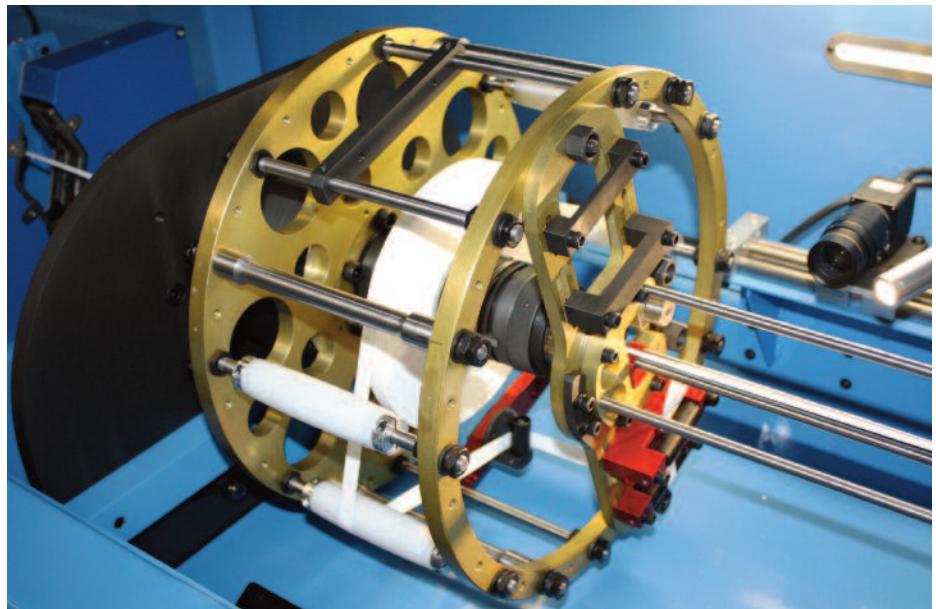


CABLE Tapes UK has appointed Jonathan Moia (*above*) to its administration and marketing departments.

"I'm so thrilled to have joined such a successful team and am looking forward to developing the departments even further and helping to grow our main customer-base," he said.

"I deliberately set myself challenging targets and strive to achieve them in record time. With constant promotion and hard work I aim make sure everyone knows Cable Tapes UK is the top cable taping company in Europe."

www.cabletapesuk.com



High speed taping

RIDGWAY Machines, a world leader in precise taping and winding solutions, will be at *wire Düsseldorf*, promoting a new range of compact, high-speed taping machines.

The innovative design makes the machines faster and more accurate than ever before, incorporating advanced technology to monitor and accurately apply a variety of tape materials such as PTFE, mica, paper, Nomex, polyester, aluminium/mylar and Kapton to cables and flat conductors.

A camera system can be installed to monitor

and constantly adjust the taping head to ensure accurate tape registration between layers.

Machines are designed and manufactured for customers all over the world, in a range of configurations. Customers can also choose from a variety of optional extras to enhance the taping system and improve performance. These include product measurement, a length counter and strobe lighting.

The new flexible, modular design can be built to customer requirements, from one to three bays or more.

www.ridgwayeng.com

Great year for BWE

LAST year proved to be a very successful year for BWE. As well as a Conform™ machine for refrigeration tube and a Conklad™ machine for specialised optical ground wire cables, BWE won three more contracts for its unique *SheathEx™* technology.

The SheathEx machine uses two aluminium rods (12.0mm or 9.5mm) to form a seamless aluminium sheath around high and extra-high voltage cables (*see below*).

Baosheng High Voltage Cable Co of China bought a SheathEx machine to complement its existing, conventional extrusion press, continuing its expansion to supply power cables up to 500kV.

Pacific Electric Wire & Cable of Taiwan and

Iljin Electric of South Korea already supply aluminium-sheathed HV cables using the welding method, but cable requirements for new markets required them to supply weld-free sheathed products made of corrugated aluminium. Rather than buy a large and expensive extrusion press, the option for both companies was SheathEx.

BWE's success has continued into 2018, with a SheathEx contract for a smooth aluminium-sheathed cable application.

The company continues to innovate with busy trials schedules on a company development rig, currently working on titanium and silver powder extrusion into wire, and new metal cladding and sheathing applications.

www.bwe.co.uk



Latest ideas from FIB



FIB Belgium SA is a leader in the supply of heat-processing lines for patenting, galvanising, oil tempering and annealing. The range also covers bell and pit furnaces for batch-annealing.

For over 80 years, FIB's modular concepts and in-house development teams have allowed the company to adapt and regularly upgrade equipment at minimal cost to the user.

At *wire 2018*, the company will offer new technologies and *Industry 4.0* ideas, such as a very low energy austenitising/annealing furnace, IMFLEX®, an environment-friendly patenting solution for steel cord, a more compact galvanising furnace and a new acid-free galvanising line.

Austenitising and annealing wires in the new generation of Imflex open-fire furnaces has proven to be up to 25% cheaper than traditional methods. Combined with FIB polymer-quenching technology, steel-cord, hose-wire or bead-wire lines show the lowest possible environmental footprint. The combined technology has been adopted by a

world-leading Japanese group as the basis of wider technologies.

For the galvanising process, FIB has developed a much more efficient technology, leading to more compact kettles.

Telediagnosis is commonly used on FIB equipment, allowing the user to use remote support. A data acquisition module, fully protected against hacking, also allows periodic analysis of key performance indicators on request.

As service, diligence and top-level advice are critical for users, FIB has highly-qualified technicians available round the clock to serve customers across the world.

The system can also be used to update operators on the production line on the best and most efficient working methods. Safety, efficiency and environmental issues are major considerations for FIB. The company currently has the presidency of the European Committee of Industrial Furnace and Heating Equipment Associations, and takes compliance very seriously.

www.fib.be

Investing in the future



The proud Cimtec team

CIMTEQ Ltd, a leading provider of cable design and manufacturing software, has been awarded Investors in People silver accreditation for three more years, demonstrating its commitment to people management.

Established in 1998 by CEO Ali Shehab, Cimtec offers a business software implementation and process control consultancy and recently expanded into larger premises in Wrexham, UK, to improve facilities for staff and customers and accommodate expansion.

Cimtec first achieved Investors in People silver in 2013. Underpinning the standard is the IIP framework, reflecting the latest workplace trends, skills and structures needed for top performance and allowing organisations to benchmark themselves internationally.

Cimtec director Amanda Shehab said: "We are thrilled to have received silver again. The assessment reflects the commitment we have to our core values, performance management and recognition for our highly skilled team."

www.cimtec.com

Plasmait on the move

PLASMAIT, the Austrian supplier of plasma heat and surface treatment machinery for wire, tube and strip products, has moved in to a new facility in Lannach, near Graz.

The new facility includes a large shop-floor space with a crane and offices, as well as four heat and surface treatment demo lines for client demonstrations and trials.

Demo lines are used for heat treatment trials on various ferrous and non-ferrous materials over a wide range of temperatures. Demonstrations of surface cleaning, surface activation and coating can also be performed on client materials.

Demonstrations of the Plasma Preplate process are also performed inline, with a hot-



PlasmaACT plasma treatment machine

dip tin bath for the acid- and flux-free hot-dip tinning of copper, steel and aluminium alloys. The process can also undertake the simultaneous heat treatment of the material prior to tinning.

Demonstration lines are also available for rental, allowing clients to test plasma-treatment machinery at their own facilities, with Plasmait systems integrated into their existing manufacturing processes.

Plasmait offers also demonstration and testing facilities on its batch plasma-treatment machine, on which components of various sizes can be plasma treated.

The batch machine is designed for a wide temperature range and can be used with various process gasses, including hydrogen. The machine is equipped with a cooling system that allows adjustable cooling rates.

Interested parties are welcome to discuss their heat and surface treatment requirements with the Plasmait team and ask for a demonstration on their material.

www.plasmait.com

Many IWMA member companies will be at wire 2018 in Düsseldorf. Here are some of the products and services they will have on show...

Expanding world

We speak to the man responsible for wire 2018 and its sister exhibition for the tube industry – Messe Düsseldorf's Friedrich-Georg Kehr – in the run up to the world's biggest wire and cable exhibitions



FRIEDRICH-GEORG Kehr is global portfolio director for metals and flow technologies at Messe Düsseldorf GmbH. Working with a large team, he is responsible for the company's growing number of international plant and machinery metal trade fairs.

His team currently runs around 30 events around the world, including the top two trade fairs for the wire and tube industries (*wire 2018* and *Tube 2018*).

"The two exhibitions will occupy 16 exhibition halls and take in the entire

spectrum from wire manufacturing and finishing, process automation, measurement and control engineering, through cable technologies, raw materials and profiles, to used machinery and plastics," he says.

"But there will also be enough space for further specifications and applied technologies, and of course *Industry 4.0* will definitely continue to determine the course of our two leading trade fairs this year.

"We will be welcoming over 70,000 trade visitors over the five days (April 16-20), basically we are expecting the entire

Queins and Stolberger team up for exhibition

GERMAN companies Queins and Stolberger have been making wire and cable machinery for 40 years and visitors to *wire 2018* can see images of some of their products in their buyers' factories.

The companies' chief products are high-speed stranding machines, pay-offs and take-ups, such as the new portal take-up for a reel flange of 5.6m diameter, shown right. Taping heads, disc and belt-type caterpillars and extrusion and sheathing lines are all in the product range, as well as machines for manufacturing continuously-transposed-conductor strands, umbilicals and steel wire ropes. The companies also operate a used equipment division.



Queins Machines GmbH / Stolberger KMB Maschinenfabrik GmbH, Germany

Stand: 9B06

www.queins.com/www.stolberger.com

reach of wire 2018

professional world to arrive in Düsseldorf again!

"There's a new layout this year: the southern section of the exhibition centre will be extended towards the River Rhine, comprising the future hall one and thus a new, light-flooded southern entrance area as the main feature, looking towards the city centre. This is why *wire 2018* will be in halls nine to 16. Hall 16 will form a transitional interface between *wire 2018* and *Tube 2018*.

"Halls nine to 14 and part of hall 16 will focus on wire and cable machines, wire and cable production and trade and glass-fibre technologies.

"Hall 13 will have an emphasis on mesh welding machines and spring-making technology; hall 15 will feature connection and fastening technologies and the adjacent hall 16 will feature a *Meet China's Expertise* section. This has proved its worth in the past and has again been requested by our Chinese exhibitors who want to present their products in a manageable area in one hall.

"Despite various global crises in recent years, the entire industry is currently experiencing a global boom, thanks to an economic climate that encourages investment, and not just in Europe. Considerable sums of money are being invested in infrastructure projects, construction and the automotive industry in South-East Asia, as well as in some South American countries and parts of Africa.

"The German economy has also been booming for some years now. Private households are

increasing consumption and the building industry is benefiting from a trend of people building their own houses. Rising exports have led to a higher gross national product.

"The wire and cable industries are playing major roles in all this, so we are optimistic about the exhibitions: we had recorded a lot of registrations over six months ago!



"The figures are persuasive: *wire 2018* expects net occupancy in excess of 65,000 sq m; as of March we had more than 1,419 exhibitors from 51 countries.

"Both *wire* and *Tube* have grown steadily in Düsseldorf since the mid-1980s. Every two years Düsseldorf becomes the meeting place for key players of these industries.

"The demand for plant, machinery and products from the cable and wire industries is also growing in other countries, so we now have *wire* (and *Tube*) satellite trade fairs in

Russia, India, China, Thailand and Brazil. Wire and tube are going global at a time of global transformation. That isn't too surprising, after all, no industry can function without these products.

"The success of these events has shown we were right not to limit our focus to our domestic and European markets, but to pursue a world focus and to develop more and more new markets. This is what gives our brands so much strength.

"Last year was also Messe Düsseldorf's first year of active involvement in an exhibition in Iran, as an overseas associate at *Iran Wire*. We have been supporting international companies keen to exhibit at the trade fair. The Aria Group, which owns and organises *Iran Wire*, successfully held this high-profile technology trade fair for the first time at the new Tehran exhibition centre.

"Of course our largest number of exhibitors and visitors in 2018 will continue to be from our European neighbours, but there is a growing number from overseas. The most strongly-represented exhibitors at *wire* and *Tube* are from Italy, the UK, France, The Netherlands, Turkey, Belgium, Spain, Switzerland, Sweden, Austria, Poland and Germany. Many of the overseas exhibitors come from the United States, India, Taiwan, South Korea and China.

"Most visitors will be coming from major producing and consuming countries, such as Italy, Belgium, the UK, The Netherlands, Spain, France, Switzerland, Austria, Russia, Turkey and Germany. But we're also expecting an increasing number of expert visitors from the US, Brazil, India and China."

Sikora talks purity

GERMAN manufacturer Sikora has been coming to *wire Düsseldorf* since 1976 and this year brings *Industry 4.0* ideas and products.

The company will display innovative measuring, control, inspection, analysis and sorting systems that optimise production processes. Modern laser and X-Ray technologies measure diameter, ovality, wall thickness and concentricity.

Sikora's product range also features spark testers to detect insulation faults, lump detectors to uncover surface imperfections, capacity measuring systems and devices for reliable conductor pre-heating and temperature measurement and control.

Visitors will also be able to see systems for quality assurance of optical fibres in the drawing tower.

Another highlight will be a purity scanner for online inspection and sorting of plastic materials, and a full purity concept system for the offline inspection and analysis of pellets, flakes, tapes and films.

Sikora AG, Germany
Stand: 9A41
www.sikora.net

GEO exhibits full range of products and services

GEO-CLEANING Technology (GEO) will be taking its familiar portfolio of wire, cable and strip cleaning systems and components to *wire 2018*.

GEO offers a wide range of products, either as turnkey systems, upgrades, or to complement existing processes.

Whether for single lines or multi-wire applications, ultrasonic modules, high-pressure nozzles and steam jets can be integrated into space-saving inline systems to give outstanding results in non-contact, pore-deep aqueous cleaning.

Mechanical systems with textile materials, such as the cost-effective Primary Wire Wipe (PWW) are suitable for the reduction of drawing residues and loose particles as well as the application of cleaning liquids.

Rotary brush system brushes (DRB-WCS) complement options for optimising the surface quality of wires, pipework and similar materials.

Welding wire manufacturers are catered

for with inline cleaning, systems for coating welding wire finishes and test systems for final quality inspection of welding characteristics.

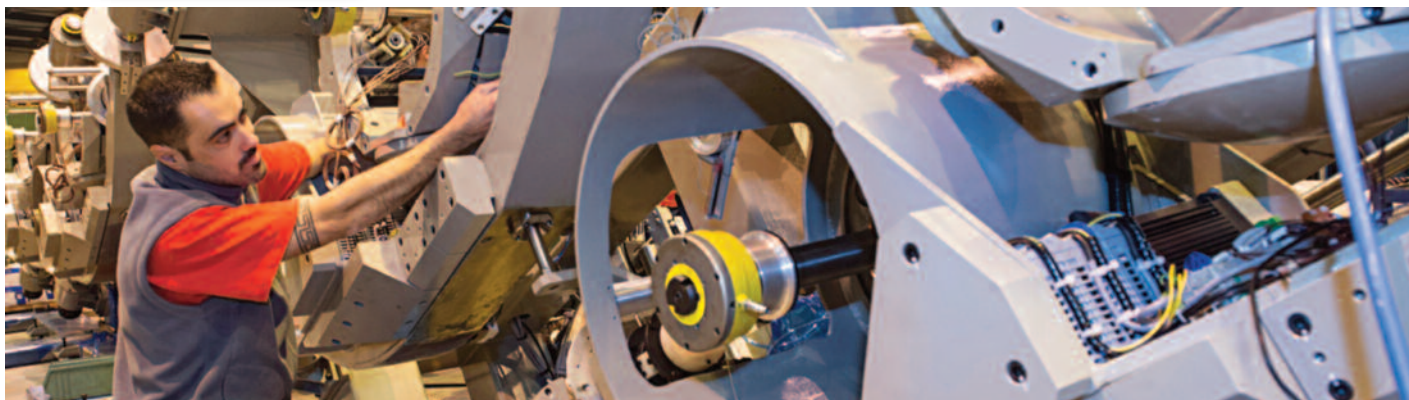
Geo's KFP-V system can remove misprints on cable insulation at a rate of around 50m a minute.

Geo also offers an extensive range of products for tube materials, for everything from aerospace to building applications, offering thorough cleaning of both outer and – depending on form, diameter and length – inner surfaces of tubes, thanks to custom-tailored solutions.

A wide assortment of accessories supplements the product range, from powerful air wipes to inverted spiral brushes – the latter available in a broad range of sizes and synthetic or metal filaments.

GEO Reinigungstechnik GmbH
Stand: 11A32
www.geo-reinigungstechnik.de

Gauder Group is out in force at *wire Düsseldorf*



AS USUAL, the Gauder Group will be well represented at *wire Düsseldorf*, with all its divisions taking stands.

The Belgian group has the largest stock of



machines for the wire and cable industry in Europe and can set up "ready to manufacture" processes from its 1000+ stock of drawing, stranding, cabling, screening, taping, armouring, wire-coating, extruding, coiling and rewinding machines used in the production of wires, conductors, cables, ropes and steel products.

The company also offers complete plant set-up services, from professional dismantling, cleaning and de-rusting to painting and reassembling.

The company now also markets the new Mapre extruders, covering a 38mm-150mm range, and accessories.

During the show a free shuttle will run regularly between the booth and Gauder's

20,000sq m of machine warehousing and workshops. Visitors can also browse stock online in advance of their visit at the group's website.

Pourtier – the group's producer of heavy-duty rotating machines for the creation of power and control cables – develops equipment for overhead conductors (including ACCC™, ACSS-TW and ACSR-TW, with trapezoidal wires) as well as underground HV & EHV cable with high-quality Milliken conductors and submarine cables.

On the booth will be the company's 1m "jumbo reel" planetary machine, designed for the steel-wire armouring of long-length submarine cables

Pourtier and its sister company, Setic, also offer a complete range of single-twist machines (630mm- 2500mm). A 1250mm single-twist machine will be at the exhibition.

Setic designs, manufactures and supplies high-quality double-twist bunchers and stranders for low voltage conductors and cables for the automotive industry, as well as special and network cables with enhanced performances.

The company will exhibit a complete 800mm pairing/quadding line with two high-speed, double-positions back-twist pay-off.

Since the last *wire* exhibition, **Setic** has successfully produced several 2000mm double-twist lines offering customers higher performance than standard configurations. On Setic's stand will be a 1000mm rotating pulling capstan, whose pulling force is

around six tonnes and which can strand up to 61 copper or aluminium wires.

For eight years Gauder's **Daloo** division has been a top, medium-cost solution for cable producers looking for basic functions at affordable prices, efficient design and strong quality control.

Designs are created in Europe and built in China, in a new facility in Changzhou.

The company's stranding lines and power and communication cable production accessories are seen worldwide in a wide range of rigid-cage stranders, tape lines, rewinding lines, take-ups and pay-offs and pulling caterpillars.

Daloo's team will be available to answer questions throughout the show

Finally, Gauder's **C2S Service** and **Bows** division handles all wire and cable production lines, whatever the brand of rotating equipment. C2S recently absorbed Bow Technology and now also offers high tech bows and components.

C2S also has a huge range of spare parts, a 55-man service team and can handle upgrade projects of all kinds.

The C2S stand will feature a wide range of bows of all sizes and for all brands



Gauder Group SA, Belgium
Stand: 10E40
www.gauderonline.com

InnoVites' CableERP on show

ENTERPRISE software developer and vendor InnoVites will present CableERP on its sixth visit to *wire Düsseldorf*.

The software, built on cloud-based Microsoft Dynamics 365, makes cable factories smarter and more efficient by using the latest IT innovations.

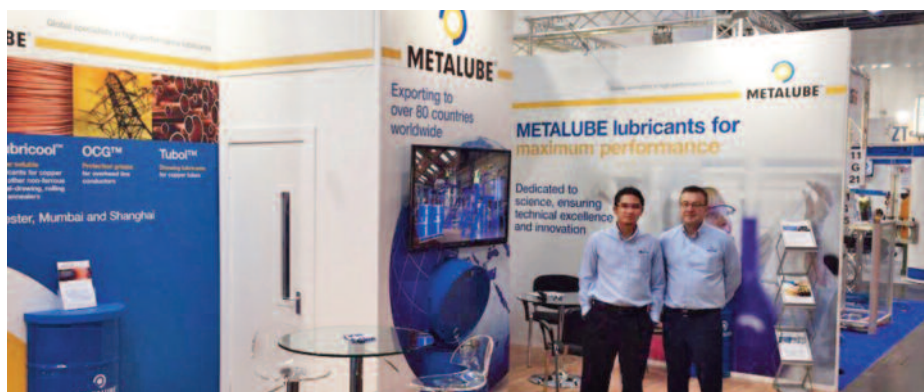
Part of InnoVites' CableSuite, CableERP is world-class enterprise resource-planning software for the wire and cable industry, featuring best practice in business areas from finance and sales to warehousing, planning and production.

CableERP is an integrated part of CableSuite, which is designed to support specific needs of the wire and cable industry in design, engineering, warehousing and logistics, sales, production, planning and finance.

CableSuite also features CableBuilder and CableMES from Innovites' partner, Cimteq.

InnoVites CEO Albert Groothedde said: "With visitors from across the world, *wire 2018* is an excellent opportunity to meet people from the industry to discuss how to advance business with the latest IT solutions. "As always, we look forward to many inspiring conversations!"

Innovites BV, Netherlands
Stand: 11C16
www.innovites.com



Metalube unveils latest copper wire drawing products

LUBRICANTS specialist Metalube will launch the latest generation of copper wire-drawing products – Lubricool™ – at *wire Düsseldorf*.

The new portfolio is currently being tested at several sites across Europe.

The latest additions to the Lubricool™ range (Lubricool™ 33, 11, 319, 320 and 250B) are specially-designed semi-synthetic and synthetic grades. They have been developed with the newest chemistries available, to achieve increased performance in wire-drawing applications to provide longer sump life through lower interaction with copper; higher lubrication using oxidatively-stable synthetic esters and polymers, and increased detergent action using specially-selected, non-ionic emulsifiers, which offer greater stability in high conductivity conditions.

Global product manager Wayne Thornhill said: "We are seeing fantastic results from the current trials – noticeably minimal wire breaks, reduced capstan wear, and markedly extended die life. This gives our customers

increased efficiency and cost reductions. We're more than delighted with the outcomes."

For the first time, Metalube will also be exhibiting at *Tube Düsseldorf*, showcasing a technically advanced new range of lubrication products being launched at the show.

"Metalube is making a big investment in the Düsseldorf show this year with the addition of the new stand at *Tube*," said commercial director Douglas Hunt. "The exhibition is a great platform to welcome our customers from across the globe."

Metalube's headquarters are in Manchester UK, where the site incorporates offices with warehousing, laboratories and manufacturing facilities. Metalube is also an experienced exporter, with offices in Brazil, China, India, Malaysia and the United Arab Emirates.

Metalube Ltd, UK
Stand: 11G21
www.metalube.co.uk

NDC to introduce its latest *Industry 4.0* measurement and control devices

NDC's Beta LaserMike products team will introduce new *Industry 4.0* measurement and control devices at *wire Düsseldorf*.

They include the LaserSpeed® Pro non-contact length and speed gauge, the UltraScan Pro wall thickness and concentricity gauge and the BenchMike Pro (pictured), an offline diameter and ovality measurement system.

All integrate more easily into production networks to provide real-time data.

The LaserSpeed® Pro offers the highest accuracy in the industry – better than +/-0.03% – and the widest measurement depth of field for the full velocity range, and a new processing engine offers faster communications and supports ModBus TCP, ethernet/IP, Profinet IO and Profibus DP.

The UltraScan Pro offers high-speed, precision measurement of product wall thickness and concentricity and is now equipped with an expanded feature set including faster

processing and measurement capabilities, high-speed tolerance checking, multi-layer measurements (up to four layers), enhanced connectivity through a built-in web server, and other advances.

UltraScan is known industry-wide for its patented automatic setup and calibration for quick, simple operation. The new gauge supports ModBus TCP, ethernet/IP, Profinet IO, Profibus DP and DeviceNet.

The BenchMike Pro now has a larger, higher-resolution display and offers faster communications processing, with ethernet and USB connectivity.

The Beta LaserMike team will also be exhibiting the latest version of the InControl process controller and data management system and the AccuScan 6000 series – the industry's only four-axis scanning diameter and ovality gauge.

"The new gauges provide the most comprehensive communications platform, with expanded ethernet connectivity" said Stefano Cicetti, EMEA sales director for NDC's cable and tube business.

"The new platforms lay the foundation for future wireless connection and offer other extended connectivity options."



NDC Technologies, USA
Stand: 11D68
www.ndc.com/betalasermike

New generation of AC spark testers

ZUMBACH Electronics has developed a new generation of mains and low-frequency AC spark testers. The AST L spark test series reliably detects defects and faults on the sheathing and insulation of electrical cables and on extrusion and rewinding lines. They ensure defective products with bare patches, hairline cracks or pin holes have no chance of slipping into circulation.

Zumbach's AST testers can work standalone or on a computer-controlled line, receiving and responding to commands through varying communication interfaces, including serial RS, Profibus DP, ethernet TCP/IP, etherNet/IP, Profinet I/O and potential free input and output.

For user-friendliness, the unit can be pivoted horizontally or vertically or mounted at various positions around the electrode unit, or remotely.

The testers run at an adjustable frequency from 50Hz-120 Hz, allowing higher operational line speeds.

The full spark tester range from Zumbach covers test voltages of up to 40kV for products with diameters of up to 250mm.

Zumbach testers are proven performers in the global cable industry, effectively detecting cable faults with the highest accuracy.

Industry applications include power cable, building wire, speciality cables, communication cable and more. Low frequency, high frequency and DC models complete the range.



Zumbach Electronic AG, Switzerland
Stand: 11D41
www.zumbach.com



Proton Products displays new IntelliSENS SL and SLR mini

UK-BASED sensor and measurement company Proton Products will display its new IntelliSENS SL and SLR Mini series instruments at Düsseldorf.

The global leader in non-contact laser Doppler speed and length sensors combines technical, design, intelligence and process interface expertise in the instruments.

The SL and SLR Mini series provide unidirectional and bidirectional speed measurement at up to 5,000m/min – in the case of the SLR, even from a standstill. With a measurement repeatability of 0.02% and an accuracy of better than 0.05%, the instrument assures correct product length delivery.

In situations where product acceleration exceeds 1,000m/min, IntelliSENS Mini's measurement update rate of 200kHz is capable of delivering accurate, high-resolution measurement under rapidly changing process conditions.

The mini's embedded communications library is unrivalled, with RS232, ethernet TCP/IP and CANbus, Profinet, Profibus, DeviceNet, ethernet /IP and wifi as options – meaning easy communication between the instrument and data platforms.

This comes in a handheld package weighing only 1.1kg, making it the most compact, lightest speed and length sensor currently available.

A comprehensive range of integrated process interfaces are available for measurement and control purposes.

The IntelliSENS Mini series offers high-reliability without calibration drift and significantly reduced maintenance compared to contacting encoders.

Proton Products Europe NV, Belgium
Stand: 11D77
www.protonproducts.com

AFH to demonstrate its endless belt products at wire 2018

AFH-ANTRIEBSTECHNIK GmbH will be demonstrating its woven haul-off "endless" belt products.

The company has been producing flat and

special-processing belts for more than six decades and specialises in products without seams of any kind.

In a unique process, AFH combines a traditional endless-weaving technique using polyester, Nomex or aramid fibres, on to which are applied coatings of PVC, silicone or other materials depending on the specification, with Shore hardness ratings from 35-90.

The company also offers belts for anti-static and non-stick applications.



AFH-Antriebstechnik GmbH, Germany
Stand: 12A50
www.afh-antriebstechnik.de

Meeting old and new friends at *wire 2018*

CABLE Tapes UK knows *wire 2018* is the place to be, and visitors to the company's stand can witness first-hand the company's claim to be the British market leader in the field.

Cable Tapes offers a range of fire performance tapes in phlogopite mica, muscovite mica, polyamide, silicone elastomer and high temperature woven glass tape.

The company also offers a wide range of tapes in metal, metallised laminate and copolymer, plus a comprehensive range of high-quality copper and aluminium-based laminates, with various film backings. The company's polypropylene films can be used for cable identification or as a division film or bedding layer. Polyester films offer electrical insulation, while woven tapes cover a varied range of E-glass, S-glass, polyester, flame and rodent-resistant materials.

Cable tapes UK has the largest, most modern sub-contract taping capacity in the UK, with a one-million metres a week capacity.

"We are excited about attending *wire 2018* and having our highly-trained team present to answer questions", said chairman, Martin Van der Zwan.

The company's website also offers a full range of yarns.

Cable Tapes UK Ltd, UK

Stand: 9E25

www.cabletapesuk.com

New ranges

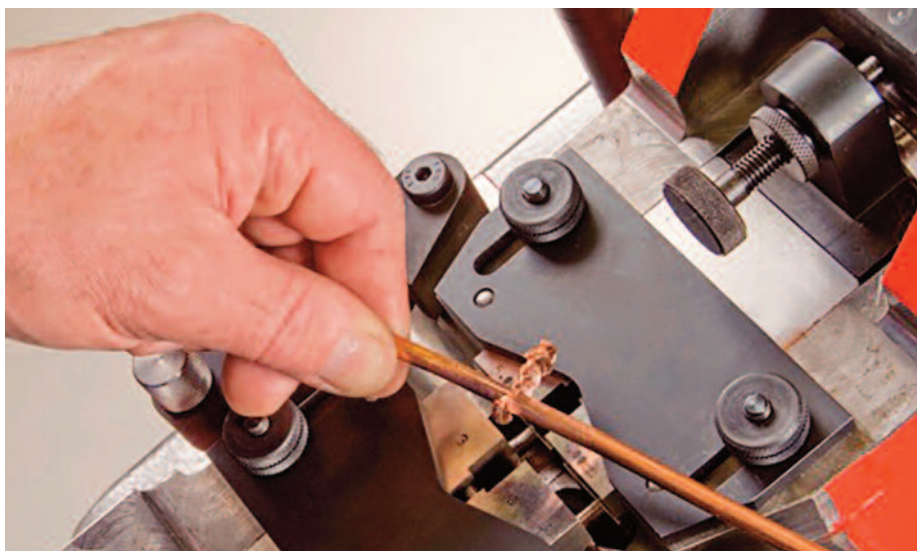
WINDAK comes to *wire 2018* after a year of introductions and upgrades to its coiling and winding equipment.

Product highlights have included the announcement of a new QPH generation of compact coiling machines; updates to the SW series of spool-winding machines – offering greatly increased speeds; updates to the FC series of cable-feed systems and heavy duty upgrades for the AR series of spoolers. Staff will be on hand to discuss all Windak product ranges.

Windak AB, USA

Stand: 9B42

www.windakgroup.com



PWM's cold-pressure welding

BRITISH manufacturer PWM will exhibit its full range of cold pressure-welding machines at *wire 2018*, including two portable models for bonding trapezoidal profiles.

Visitors will be able to see PWM's cold-weld technology in action and to try the machines for themselves.

PWM's air/hydraulic HP100 and HP200 cold welders enable operators to weld non-ferrous material of 1mm-6.5mm (0.039in-0.256in) diameter. Power consumption is minimal – since the machines require only compressed air and can easily be moved to the work area.

The largest model, the P1500, will also be on show. Designed for bonding large rod sections up to 25mm (0.984in) copper and 30mm (1.181in) aluminium, the electro/hydraulic

machine remains quiet and economical.

The smaller, electro-pneumatic EP500 – one of PWM's best-selling machines – has a capacity of 5mm-12.5mm (0.197in-0.492in) for copper and 5mm-15mm (0.590in) for aluminium. Both machines are energy-efficient, dependable, clean and user-friendly and require no set-up time.

PWM will also exhibit the manually-operated, best-selling M101 machine for wire 1mm-5mm (0.040in to 0.197in). This robust, low maintenance cold welder can be used on a work bench or trolley.

Pressure Welding Machines Ltd, UK

Stand: 9B41

www.pwmltd.co.uk

Innovative ideas from Eder

EDER Engineering of Austria supplies cutting edge die-tool processing equipment to the international wire and cable industry and exports 98% of its output around the world.

The company has offered innovative ideas in the field for over 70 years and brings its top products to *wire Düsseldorf* for 2018.

Examples will be demonstrated live and on video on the company's stand.

They include the ETC-1/HF tungsten carbide die-grinding and polishing machine, which has a wide working range of 0.70mm-20 mm diameter. (right)

Also on show will be the USP-TWIN, for refurbishing the increasingly large number of PCD dies in use in multi-wire drawing machines. The ultrasonic machine has two workstations but can be operated by one person, and can efficiently work all die sizes from 0.05mm-8mm dia. The ETC-2 LS machine can size and polish tungsten carbide dies of larger bore sizes,

from 1mm-40 mm dia. A new, larger ETC-3L unit works round TC dies with bore sizes up to 70mm.

The stand will also display some special die-workshop ancillary devices, machines and die-working materials.



Eder Engineering GmbH, Austria

Stand: 10C42-01

www.eder-eng.com

IWMA corporate members

Exhibiting members shown in blue with stand numbers alongside

A Karpat Ltd	Canada		DSE Test Solutions AS	Denmark	9F33
ACIMAF	Italy	11B51	Ducab	UAE	
ACOTEQ GmbH	Germany	11E32	E Braude (London) Ltd	UK	
AFH-Antriebstechnik GmbH	Germany	12A50	EDER Engineering GmbH	Austria	10C42-01
Ajex & Turner Wire Dies Co	India	11C03	EFD Induction AS	Norway	6C13
Aleados del Cobre SA	Spain	9A11	EJP Maschinen GmbH	Germany	9A12
Aliaj Fanar Omid Industrial Co	Iran		EOX Masterbatches SL	Spain	
Alloy Wire International	UK	11E26	Er-Bakir Elektrolitik Bakir	Turkey	10C59
Ambrell Group	Netherlands	11H31	Mamulleri AS		
Anglia Metal Ltd	UK	12B10	Esteves Group	Spain	10C72
Arab Co for Cable Polymers Ltd	Saudi Arabia		Eurobend GmbH	Greece	13C72
Arcelor Mittal	Luxembourg	12D34	Eurotek SRL	Italy	11G22
Associated Engineers & Industrials Ltd	India	11D14	Excel Craft Machines Pvt Ltd	India	
Assomac Machines Ltd	India	11B17	FH Machinery	USA	
AstroPlast, Kunststofftechnik GmbH & Co KG	Germany	11J74	FIB Belgium SA	Belgium	11C60
August Strecker GmbH & Co KG	Germany	10A21	Fisk Alloy Conductors BVBA	Belgium	9E14-04
Australasian Wire Industry Association	Australia		FMS Force Measuring Systems AG	Switzerland	11J05
Automated Wire Bending Ltd	UK		Fort Wayne Wire Die Inc	USA	12A27
Aymak Makine Mühendislik Hizmetleri San ve Tic	Turkey	11H78	Foxton Dies Ltd	UK	
Badger Wire	Australia		Frontier Composites & Castings Inc	Canada	
Balloffet SA	France	10A12	FUCHS Lubricants (UK) PLC	UK	
Bar Products & Services Ltd	UK	11F05	G & A Engineering Ltd	UK	
BASEC (British Approvals Service for Cables)	UK		G Church - Consultant	UK	
Bonakdar Ind & Com Group	Iran		Gauder Group	Belgium	10E40
Bongard Trading GmbH & Co KG	Germany	11B25	Geca-Tapes bv	France	10E77
Brand-Rex Limited	UK		Gem Gravure Co Inc	USA	9E41
Bridon International Ltd	UK		GEO Reinigungstechnik GmbH	Germany	11A32
British Diamond Wire Die Co Ltd	UK		Goodwin Machinery Ltd	UK	
BSC Corporation Ltd	China		Guidetti SRL	Italy	13E24
BWE Limited	UK	11G26	Gurfil Sanayi VE	Turkey	9A74
Cable Tapes UK Ltd	UK	9E25	Elektronik Cih Paz AS		
Calmec Precision Ltd	Canada	9D06-03	Gwo-lian Machinery Industry Co	Taiwan	11H34
Can-Eng Furnaces Ltd	Canada	15B52	H. Folke Sandelin AB	Sweden	10C06
Cape Gate (PTY) Ltd	UK		Häfner & Krullmann GmbH	Germany	9A25
Carl Bechem GmbH	Germany	9F42/15B08	Hans Schmidt & Co GmbH	Germany	9B22
Ceeco Bartell - Bartell Machinery Systems	USA	9B74	HB Cables & Components Ltd	UK	
Cemanco LC	USA		Heinze & Streng GmbH	Germany	11A37
Central Wire Industries UK Ltd	UK	11B52	Huestis Industrial	USA	9E06-03
CeramTec GmbH	Germany	10F21	Huntstar Trading Ltd	UK	11H10
Chaplin Bros (Birmingham) Ltd	UK		ICE Wire Line Equipment Inc	Canada	11C52
Chemetall Ltd	UK		Inductotherm HWT (Radyne)	UK	9C66
China Southern (Group) HK Ltd	Hong Kong		Induflex NV	Belgium	10B77
Cimteq Ltd	UK	11D15	InnoVites BV	Netherlands	11C16
Commission Brokers Inc	USA		Institute of Spring Technology Ltd	UK	13B11
Comsuc Technology Development Ltd	China	16K55	Integer Research Ltd	UK	
Condat Ltd	France	10A52/15B43	Interlink Ltd	UK	
Consultex SP Zo o	Poland		International Trade Shows Link Ltd	UK	
Control and Power Engineering Ltd	UK		Intras Limited	UK	11D26/EN03
Copperweld Bimetallics UK Ltd	UK		Itaya Europe limited	UK	13C43
CRU Events	UK		JG Tec Ltd	UK	
CSM Metalurji Imalat Sanayi Ve Muhendislik Ltd STI	Turkey	13F32	Jiangsu Handing Machinery Co.,Ltd	China	16K34
Danross Engineering	UK		Jiaxing Eternal Electronic Co Ltd	China	16H42
De Montfort University	UK		Jina Special Steel Works Pvt Ltd	India	
DLB Draht und Litzen GmbH	Germany		Joachim Uhing GmbH & Co. KG	Germany	11B40
Dongguan XinMei Precision Mold Co Ltd	China	16K07	KamKat LLC	Russia	
Drahtwerk Waidhaus GmbH	Germany		Kelani Cables PLC	Sri Lanka	
DRT Impianti SRL	Italy		KIESELSTEIN International GmbH	Germany	10D22
			Knight Precision Wire Limited	UK	
			Koner SpA	Italy	11A56
			LA. M. Plast SAS	Italy	
			Lamifil nv	Belgium	10A47
			Lanfang Xinming Cable Machinery Ind Co Ltd	China	
			Lantor BV	Netherlands	10H55

Leggett & Platt Wire Group	USA	9E14-01	Shanghai Geili Precision Dies Co Ltd	China	16G40-4
Leoni Draht GmbH	Germany	11A40	Shanghai HOSN Machinery	China	11A41
Lewis Wire Ltd	UK		Technology Co Ltd		
Locton Ltd	UK	11F13	Shanghai Kechen Wire & Cable	China	11E31
Lune Prozesstechnik GmbH	Germany	11C59	Machinery Co Ltd		
Madem SA Ind E Com de Madeiras	Brazil	12E09	Shanghai Singcheer Technology Co Ltd	China	16G24-06
Maillefer Extrusion Oy	Finland	10C22	SI Interline Ltd	Russia	
Manentimacchine SRL	Italy	13C31	Siebe Engineering GmbH & Co KG	Germany	10B22
Marldon Group Limited	UK		Sikora AG	Germany	9A41
Mathiasen Machinery Inc	USA	12A55	Simplex Rapid SRL	Italy	13F46
Medek & Schörner GmbH	Austria	10 C52-01	Singhania International Limited	India	
Meisenbach GmbH	Germany	9 C01	Sinoleader Industries Group Co Ltd	China	
Metalube Limited	UK	11 G21	SKET Verseilmaschinenbau GmbH	Germany	10G10
MGS Manufacturing Inc	USA	9E06-02	Smeets NV SA	Belgium	10G74
C/O Northampton Machinery			Sneham International	India	11J39
Microdia SA	Switzerland	11D25	South African Wire Association	South Africa	14G46
Mikrotek Machines Ltd	India	11E06	Spring Tooling Ltd	UK	13E04
Nanjing Zhongchao New	China		Stonepark Consultancy Ltd	UK	
Materials Corporation			Stride Supplies Ltd	UK	
Nano-Diamond America Inc	USA	11B03	Supermac Industries India Ltd	India	11G05
NDC Technologies (Beta	USA	11 D68	T Fukase & Company Ltd	Japan	9E36
LaserMike Products)			TapeFormers.com	UK	11C22
NeoFil Ltd	UK		Techna International Ltd	UK	
Nexans Deutschland GmbH	Germany		Techno Commerce Ltd	UK	
Niehoff Maschinenfabrik	Germany	10C06	Technokabel SA	Poland	10G69
GmbH & Co KG			The Worshipful Co of Tin Plate	UK	
Ningbo Kaite Machinery Co Ltd	China	16K07	Workers Alias Wire Workers		
Nota-Zaklad Mechaniki Precyzyjnej	Poland	11B69	Thompson & Hudson Wire Machinery	UK	
NV Bekaert SA	Belgium	10E60	Tianjin Goldsun Wire Rope Ltd	China	
OMA SRL	Italy	10A41	Tianjin Huayuan Times Metal	USA	14D45
OB Mallas	Bolivia		Products Co Ltd		
OMA (UK) Ltd	UK	10A41	TRAXIT International GmbH	Germany	9F38
Ormiston Wire Ltd	UK		Troester GmbH & Co KG	Germany	10F60
P F Consulting	UK		U Gear Automatic Machinery Ltd	Taiwan	
P W Hall Ltd	UK		UL International (France) SA	France	11 J34
Paramount Conductors Limited	India		University of Southampton	UK	
Pentre Group Ltd	UK	9E25	Untel Kablo AS	Turkey	
Performance Springs Ltd	UK		Uygar Makina San.Ve Tic Ltd STI	Turkey	10F06
Permanoid Ltd	UK		Vietnam Electric Cable Corp (CADIVI)	Vietnam	
Plasmait GmbH	Austria	10C52-04	Vinston US Corp	USA	
Pneufom Machines Ltd	UK		Warbrick International Ltd	UK	
Premier Cables (Pty) Ltd	Pakistan		WCISA c/o Wire Lab Company	USA	9D16-05
Pressure Welding Machines Ltd	UK	9B41	Weber & Scher Mfg Co Inc	USA	10B71
Proton Products International Ltd	Belgium	11D77	Webster & Horsfall Limited	UK	
Prysmian Group	UK		White & Street International Ltd	UK	
PS Costruzioni Meccaniche SRL	Italy	10B21	Whitelegg Machines Ltd	UK	
Q8Oils	Belgium	11D21	Windak Group	USA	9B42
QED Wire Lines Inc	Canada	12A30	Wintwire Ltd	UK	
Qingfeng Electrical Technology	Hong Kong	16G03-4	Wire & Cable Technology International	USA	9D16-05
(Hong Kong) Co Ltd			Wire & Plastic Machinery Corp	USA	9E20
Queins Machines GmbH	Germany	9B06	Wire Association International Inc	USA	11B21
Qunye Electrical Co Ltd	China	11D52	Wire Lab Company	USA	10H42
Rautomead Limited	UK	10B52	WOLCO Sp Zo o	Poland	11B69
Reber Systematic GmbH	Germany	10H60	WTI Fasteners Ltd	UK	
Redies SRL	Italy	9B25	XL Technologies UK Ltd	UK	
Reelex Packaging Solutions Inc	USA	9F06-01	Yangzhou Havet Machinery Co Ltd	China	16G04-1
RichardsApex Inc	USA	9F06-05	YTC America Inc	USA	
Ridgway Machines Ltd	UK	11E05	Zeller+Gmelin GmbH & Co KG	Germany	9A19
RK Umformtechnik GmbH & Co KG	Germany	12A04	Zumbach Electronic AG	Switzerland	11D41
Roblon AS	Denmark	9E42			
Rosendahl Nextrom GmbH	Austria	9A60			
S K Wiring Products Ltd	UK				
SACO AEI Polymers UK Ltd	UK	11E42			
Sanxin Wire Die Inc	USA				
Sarkuysan Elektrolitik Bakir	Turkey	10H77			
Sanayi ve Tic AS					
Scott Precision Wire Ltd	UK				
Shandong Binao Wire & Cable Co Ltd	China				

**correct on 8 March 2018*



16-20 April 2018
Preview

Kieselstein to show 3D printer at *wire 2018*

A HIGHLIGHT of the Kieselstein stand at *wire 2018* will be a high-tech 3D printer that will print parts for an add-on kit for soap boxes (*below*), which improves the supply of drawing lubricant for the transforming process.

The drawing block, which will also be exhibited, can be seen in detail in a virtual reality application, opening the way to new opportunities for plant operators.

The Chemnitz-based manufacturer of wire-drawing machines will display a drawing block for the production of trolley wire, with a preceding shaving unit. The company will also reveal how it will meet the growing requirements of plant operators in terms of service engineering by implementing digital solutions.

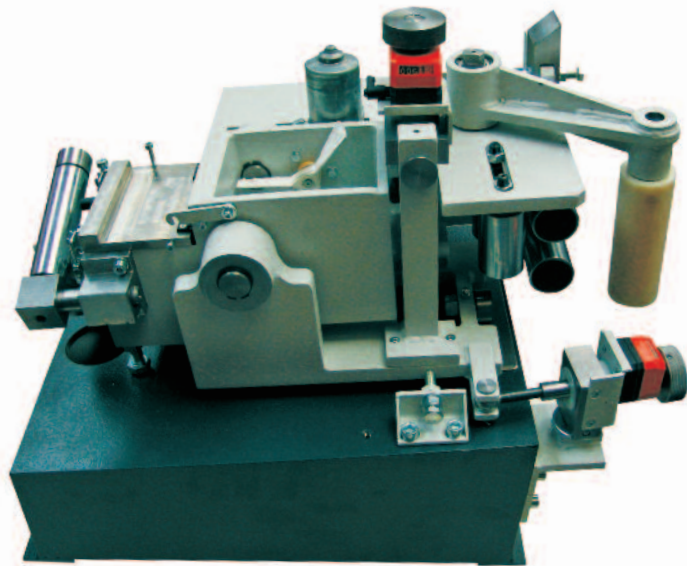
The main topic at the booth will be technological competency in machine engineering, as well as a wide range of other services.

Kieselstein will demonstrate the shaving of steel, aluminium or titanium wires, the hot-drawing of difficult transformable materials, the drawing of round and profiled wire, wet-drawing as part of the thermal treatment process, integrated into the wire production, and wire coatings.

The company offers different ideas, all capable of implementation in solutions specific to each customer.

Another topic will be the processing of wire – for example weaving wire into large meshes then cutting the resultant mesh. Kieselstein's patented 3D wire structure, Strucwire®, will also be on show.

Kieselstein also offers extensive services for



drawing and shaving testing, spare parts for existing plant, production analysis and optimisation, plant remote diagnosis and retrofitting, among others.

The company also offers a comprehensive consultancy and engineering practice. All Kieselstein services and products can be discussed with the team during the exhibition.

**Kieselstein International GmbH,
Germany
Stand: 10D22
www.kieselstein.com**



New Condat water-based lubricants

CONDAT is a leading specialist in wire-drawing lubricants. With worldwide recognition for its wire-drawing dry lubricant range, Condat will present its new range of water-soluble oils, *Vicafil SL* (*pictured above*), formulated to meet the latest wet-drawing requirements, as well as being enhanced with biocide and anti-foaming properties.

Vicafil SL can be used for drawing low or high-carbon steels with various surface preparations, from bare or pre-drawn wire through acid-picked and phosphate-coated wire, to galvanised wire. As a water-based emulsion, *Vicafil SL* leaves a clean surface finish.

As well as the Condat wire-drawing lubricants team in hall 10, the group will have its cold-forming lubricants team in hall 11, showing a range of lubricants for surface treatment before forming, wire-drawing soaps, oils for cold, hot and warm forming and thread rolling.

**Condat Lubrifiants, France
Stands: 10A52 & 15B43
www.condat-lubricants.com**

SAWA's expertise on show

South Africa exports wire rod and value-added downstream products within the industry, including wires of many grades and qualities, wire rope and formed-wire items such as welded link chain, springs, nails and welding electrodes. The South African Wire Association will be joining fellow businesses at *wire 2018*.

Created in 2002, SAWA helps its members to participate in global markets by creating an awareness of the sector within South Africa.

The country's department of trade and industry is an active partner to the association and together they will present a national pavilion in Düsseldorf.

Visitors to the pavilion will be able to find a

South African business with which to partner. "It's the perfect opportunity for us to display what we are capable of producing for discerning clients," said Keith Campbell, the association's director.

"Our membership base includes large, medium and small manufacturers, who can accommodate specific client requests," he added.

All SAWA members are reliable, competent companies who adhere to the association's code of conduct for international trade.

**SAWA, South Africa
Stand: 14G46
www.sawa.co.za**

New spooling technology improves production

GURFIL of Istanbul was established in 1981 and has become a well-known manufacturer of raw materials and machinery for the cable industry.



The company offers foil, film and tape products as well as machinery, commissioning, after-sales technical services and a full range of spare parts.

A particular highlight of the past year for the company has been the installation of a new spooling machine (*pictured left*) offering the latest technology, which has enabled a significant increase its production capacity.

Thanks to the investment, Gurfil secured some remarkable contracts and was able to enhance many of its existing relationships.

The company also brings a new product to *wire Düsseldorf*, the Gurfil Flexible Reel Cover, used to protect cable on the reel.

The inner black surface of the cover is smooth, and protects the outer surface of the cable as efficiently as possible. The outer surface (available in any colour) has a wavy texture, increasing its flexibility for easy packaging.

Gurfil Flexible Reel Cover provides protection against bad weather conditions and sea water, against falling objects and from forklift damage during handling.

Company representatives will be available at the Gurfil stand to share developments and answer questions.

Gurfil AS, Turkey

Stand: 9A74

www.gurfil.com

New products from Huntstar

HUNTSTAR Trading Ltd will attend wire 2018 with new compounds from partner Cabopol.

To meet CPR specifications for power and telecommunication cables, Cabopol has Sofiplus HZ05GGC (*below*) for the insulation and jacketing of power cables, and Sofiplus HZ 02JND (*right*) for LAN and optical fibre cables. Non-droplet formation and low smoke production are characteristics of both products.

For the marine offshore industry, Cabopol has developed Sofiplus HZ02CX moisture-crosslinked compound, to be used as insulation, the characteristics of which are good process stability and flexibility.



The optical fibre industry also gets two new compounds: Sofiplus ONE01OFG, with a wide operating temperature range, strong fire performance, excellent mechanical properties, impact resistance and jelly resistance, and Sofiplus HZ 01OF sheathing compound, which has good cracking resistance, fire performance, mechanical properties and when needed, high impact and compression resistance.



Huntstar Trading Ltd, UK

Stand: 11H10

www.huntstar.co.uk

One-to-one

RIDGWAY considers *wire Düsseldorf* one of the most important exhibitions of its year. "Exhibitions are very useful to us," said Andy Clarke, the company's sales and marketing director.

"They give us access to a great proportion of our customer base and greatly assist in promoting us to new customers."

Potential customers can book a one-to-one chat with a member of the Ridgway team on +44 116 2899199.

See full story on page six

Ridgway Machines Ltd, UK

Stand: 11E05

www.ridgwayeng.com

Robot handler



PHOTO and video presentations from MGS Manufacturing Group at *wire 2018* will focus on the new, fully automatic dual take-up FAT820 SFL series and on the group's unique robot handling system (*pictured above*) which handles pallet loading and unloading.

Booth personnel Jeff Swinchatt, John Dudus, Tom McComiskey and Dave Lane will also be happy to talk to visitors about the group's extensive range of dual reel take-ups, single and double-twist wire bunching machines and many other products

MGS Manufacturing, UK

Stand: 9E06-2

www.themgsgroup.com

Efficient

THE specialist in heat-processing lines will have staff present throughout *wire 2018* to discuss its specialisms such as annealing and austenitising, galvanising and oil-tempering.

FIB will be demonstrating newly-developed and more efficient *Imflex* furnaces and galvanising kettles, as well as secure and more efficient systems for data acquisition.

See full story on page seven

FIB Belgium SA, Belgium

Stand: 11C60

www.fib.be

Specialist range from Q8Oils

Q8OILS is a major European developer, manufacturer and supplier of a comprehensive range of lubricants for drawing, rolling and forming.

Visit the company's stand at *wire 2018* to discuss several recently-launched products and services for the wire and cable market.

The specialist range covers metal manufacturing processes using copper, brass, phosphor-bronze, beryllium copper, aluminium, aluminium alloy, plated metal, precious metals and stainless steel.

Complementing the existing Priamus, Wirol and Aludra ranges are four new wire-drawing lubricants using the latest additive technology. A cold-applied conductor grease prevents corrosion of overhead lines made from aluminium and its alloys, steel and multi-metal wires

Increasing the Tantaroll range are new environmentally-friendly products for stainless steel fine-wire drawing for medical and non-medical applications.

The new products complement Q8Oils' existing successful and widely-sold range for the drawing and rolling of copper and aluminium alloys.

Q8Oils, Belgium
Stand: 11D21
www.Q8Oils.com

Mathiasen on show

MACHINERY and wire dealer Mathiasen Machinery of Connecticut, USA, will be displaying images of a wide variety of its used stock, gathered and sold around the world. MMI has interest in individual machines, complete lines or entire plants, and buys for stock or brokerage sale.

Consignments, warehousing, rebuilding, appraisals and liquidation services are also offered.

Mike and Mark Mathiasen are happy to see surplus machinery lists and images at the stand for evaluation.

Mathiasen Machinery Inc, USA
Stand: 12A55
www.mathiasen-machinery.com



WPM team ready to talk

DURING *wire 2018* in Düsseldorf, Wire & Plastic Machinery's 72 sq metre stand will showcase pictures, video, and an interactive presentation of its massive stock range

Visitors will be able to enjoy drinks and snacks in an expanded lounge area, and there will be an enclosed meeting room for detailed private discussions.

Booth visitors will also have access to internet terminals for live product searches, with detailed specifications and pictures. Experienced personnel will help to select the most suitable equipment for a particular task.

As one of the largest resellers of high quality

secondhand wire, cable, and optical fibre-manufacturing equipment, Wire & Plastic Machinery has a vast selection of equipment in stock for sale, completely reconditioned and sold individually or as part of a complete production line.

The company has over 30,000 machines in more than 3m sq ft of warehousing, covering all aspects of non-ferrous wire and cable production.

Wire & Plastic Machinery Corp, USA
Stand: 9E20
www.wireandplastic.com

Compact cable recycling

GUIDETTI srl will be showing its range of compact cable recycling machines at *wire 2018*, including the new Sincro Mill series.

Sincro Mill machines can process mixed cables of rigid or flexible copper wire and separate them with a combination of zig-zag separator and pulveriser. The machines even collect the copper dust, allowing the Sincro Mill series to recover over 99.98% of the copper in the cable.

Guidetti machines recover cable and plastic scrap and can separate copper from aluminium when required.

The picture shows the Sincro Mill 315, which has a capacity of up to 180 kg/h. The range runs from 50 kg/h capacity to around one tonne/h.

The company has a 1,500 sq m test lab at which potential customers can see demonstrations. Guidetti will also be offering live demonstrations (and good Italian coffee!) at its stand.



Guidetti Srl, Italy
Stand: 13E24
www.guidettisrl.com

EFD Induction shows range

NEW IWMA member EFD Induction will be showing its specialised range of induction heating products at Düsseldorf.

The company is a global leader in induction heating technology, solutions and application expertise.

EFD offers systems optimised for wire and cable heating, with highly-compact remote transformers, coils and support plates that are easy to integrate into typical production environments.

The company has products for many wire and cable-based applications, including structural ferrous and non-ferrous wires, copper and aluminium cable conductors and fibre-optic cable production.



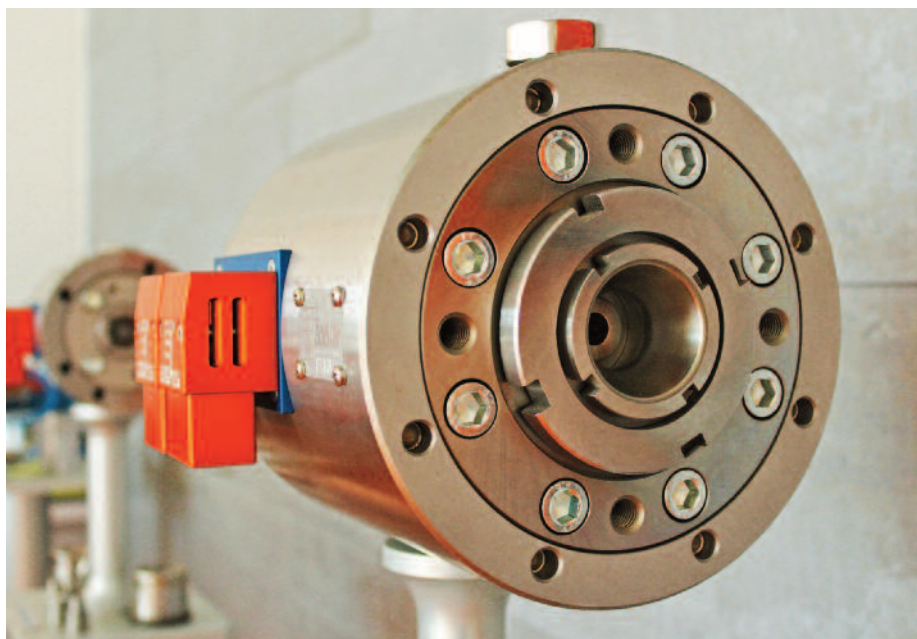
"The applications are wide ranging," said global sales director Vernon Perkins (*above*). "They include forming, forging, heat-treatment, galvanising, coating and drawing."

Working temperatures can be precisely controlled from under 100 degrees to more than 1,500 degrees, and systems can be deployed as the complete solutions or as furnace pre-heaters.

"We look forward to supporting the association and its members," said Vernon.



EFD Induction AS, Norway
Stand: 6C13
www.efd-induction.com



Custom crossheads

EUROTEK will show its range of customised extrusion crossheads at this year's *wire Düsseldorf*. The crossheads are specifically designed for the extrusion of wire cable, tube, pipe and hose.

Founded in 1993, Eurotek supplies a wide range of Italian-made products to leading wire companies worldwide, and offers direct

after-sales service. Eurotek's range offers cutting-edge technological solutions: the company continuously develops new products to accommodate the latest techniques and materials.

Eurotek Srl, Italy
Stand: 11G22
www.eurotek-italy.it

Ajex & Turner highlights latest VNT Nano dies

AJEX & Turner's high-tech nanocrystalline VNT Nano dies have had a favourable response since their introduction two years ago, and will be prominent on the company's stand in Düsseldorf.

The company promises "break-through achievements" and will display VNT Nano dies, lubricants, pressure dies, PCD and TC busbar dies, sector-shaped dies, crossheads, buncher bows, various ultrasonic cleaners and polishing and regrinding machines.

VNT Nano dies offer very high surface quality and brightness on the wire, good wear resistance and excellent surface properties.

The company has developed revolutionary VNT Nano dies for copper, aluminium, aluminium alloy, stainless steel, MIG and high- and low-carbon wires, with new developments in sector and trapezoidal wire-drawing dies and sector-shaped conductor dies.

The company now offers PCD, carbide and special tooling, such as shape-drawing dies (whether trolley, oval, trapezoidal, rectangular, square, triangular or sector), as well as sector-shaped compacting dies for bunching and stranding lines.



Ajex & Turner Wire Dies Co, India
Stand: 11C03
www.ajexturner.com

Raising the Bar

BAR Products and Services of Bradford, UK is a major European supplier of tungsten carbide drawing dies and associated products, and will be demonstrating its wide range at *wire 2018*.

Bar, which has operated to ISO standards since 2008, is trusted by the world's best wire, tube and rope manufacturers and is a major supplier to the world's civil engineering industry. The company's experienced engineers and support staff can meet every customer requirement.

"We are proud to provide a complete service for all our customers. We look forward to demonstrating everything we have to offer at *wire* in Düsseldorf," said MD Steven Rika.

Bar's services include round dies, a (currently UK-only) die-management and stock maintenance scheme and die refurbishment.

For wire products, Bar makes high-precision, wear-resistant tools and equipment; offers a complete wire rope design and manufacturing service; offers tooling for cable plastics extrusions, rollers and dies for fire-retardant cables, overhead power cables and submarine communication cables, PCD and natural diamond dies for copper and non-ferrous metal drawing. These are just the tip of a huge product range.

Bar Products and Services Ltd, UK
Stand: 11F05

www.barproductsandservices.com

BWE team happy to discuss new systems

IT has been a record year for BWE and the BWE team will be on hand at *wire 2018* to discuss its Conform™, SheathEx and other cable sheathing extrusion machines, the result of more than 40 years of development and now in use around the world.

The company is currently developing systems for titanium and silver powder extrusion. See full story on page six

BWE Limited, UK
Stand: 11G26.
www.bwe.co.uk



Cimteq gets smart at wire

CIMTEQ'S focus at *wire 2018* will be on *Industry 4.0* and the *Smart Factory*. The company's experts will be on hand to demonstrate the capabilities of *CableBuilder* and *CableMES*, two of the company's software systems for process control.

Visitors can also book a one-to-one demonstration to find out how the company's software can transform a business.

As a software developer, Cimteq is at the forefront of Smart Factory and Industry 4.0 developments.

Cimteq CEO Ali Shehab (pictured with Amanda Shehab) said, "There is tremendous

confusion about Industry 4.0, the *Smart Factory* and the *Internet of Things*.

"Using smart assets in your factory does not make the factory a smart factory. A *Smart Factory* must exhibit the characteristics of communication, adaptability, continuous improvement and collaboration".

The aim of *Industry 4.0* technologies, he says, is to allow the manufacturer to reduce cost, increase speed and add value.

Cimteq Ltd, UK
Stand: 11D15
www.cimteq.com

State of the art extrusion

TROESTER Group, a leading manufacturer of complete extrusion systems and compounding solutions for the cable industry, will

present its state-of-the-art extrusion equipment at *wire 2018*.

The machine can produce low, medium, high and extra-high-voltage cables, whether on catenary and vertical continuous vulcanising lines or on insulation and sheathing lines, as well as single machines and components for efficient cable production.

Troester will use the exhibition to introduce ideas such as the long run concept – designed and engineered for the long-run production of subsea cables; the latest technology in the field of silicone-insulated cables for automotive applications, and new CV line concepts for automotive cables. Troester will

also present equipment for upgrading existing CV lines to increase productivity and efficiency.

Troester Group member **X-Compound** will also use the stand to show its kneader technology for the continuous compounding of HFFR (LSOH), PVC, XLPE, semi-conductive materials and EPDM/EPDM. X-Compound is a specialist in planning and building complete systems for plastics compounding.

A team of specialists from Troester and X-Compound will be happy to discuss products and questions at its stand.

Troester GmbH & Co KG, Germany
Stand: 10F60
www.troester.de



Niehoff puts focus on refurb services

MASCHINENFABRIK Niehoff will be concentrating on its specialist refurbishment services at *wire 2018*. Niehoff's wire-drawing products are built to such exacting standards that even after decades of operation it can be worth the effort to recondition and upgrade them to the latest technical standards.

Niehoff's refurb engineers are often able to increase a machine's productivity and efficiency level in this way.

The company has access to all the original drawings and specifications of its machinery and its engineers have knowledge of the

underlying design criteria for individual items, meaning machinery can be restored to exacting standards.

Niehoff can demonstrate the performance improvements achievable by performing an upgrade in any given situation. The company also continuously develops new components as upgrades for existing Niehoff machines, often significantly reducing operating costs.

**Maschinenfabrik Niehoff GmbH
& Co KG, Germany**
Stand: 10C06
www.niehoff.de



Left and centre, the gearbox of an MMH-type multiwire drawing machine with approximately 60,000 hours of operation is prepared for reconditioning. Right, the reconditioned unit.

Induction tempering lines

INDUCTION tempering is the modern alternative to oil-tempered wire, says Inductotherm Heating & Welding Ltd, a member of the Australian Inductotherm group of companies.

Oil tempering is the traditional method of producing spring wire for cold coiling, but environmental concerns with the process have led to the development of induction-tempered, which is growing in popularity. Leading spring makers for cold-coiling applications are also moving to IT wire, due to its superior mechanical properties.

Ori Martin SPA of Italy recently ordered an Inductotherm-Radyne spring-wire line for the production of IT wire — one of 15 high-capacity, high-efficiency Inductotherm-Radyne units supplied to date, with production capacities of 1,500kg-3,000kg/hr.

Typically, Radyne lines — Radyne is a UK member of the Inductotherm Group — treat SAE9254 or equivalent and more exotic alloys containing vanadium and nickel.

As the main project contractor, Inductotherm has been responsible for the complete heat treatment process from pay-off to take-up. Unlike oil-tempered lines, IT lines have no harmful chemicals to pose a risk to operator health or the environment.

The line's quench tanks require only tap water for quenching.

Induction heating technology generates heat directly within the wire — and only when the line is in production, minimising start-up times and energy losses, as well as ensuring maximum power efficiency.

With a scheduled production start-up date for late 2018, the Radyne IT spring wire processing line will allow Ori Martin SPA to offer processed wire of the highest quality and consistency to leading spring makers.

Radyne, UK
Stand: 9C66
www.inductothermhwh.com





What we did in 2017...

From CabWire to new exhibitions, last year was one of growth for the IWMA

The world's cable industry elite gathered at Congress Centre Düsseldorf East on November 7th, 2017 for the biennial *CabWire Industry Forum*, which is organised by the IWMA with the International Wire and Cable Exhibitors Association, and which ran alongside the International Tube Association conference. The 2017 conference was a sell-out, with attendees from all over the world keen to hear the latest research and developments in the industry and to debate some of the points raised. In all, 19 countries were represented, as always from Europe but also this time from others, including Malaysia, India, Iran and China.

"The conference was effectively revamped and relaunched for 2017, with new educational workshops, impressive industry speakers, global suppliers and extended networking opportunities, which made the event bigger and better than ever," said Peter Large, the IWMA's technical chairman. CabWire is renowned for its worldwide appeal, being founded on the provision of speakers of the highest calibre to ensure attendees are kept up to date on the latest technical innovations driving the industry forward.

So at each CabWire an international network of industry professionals is guaranteed, all sharing information and insights. Topics in 2017 included issues dramatically affecting the cable industry of today from new insulation systems to the European Construction Products Regulations.

Delegates were brought up to date by specialists on new thermoplastic PP compounds to replace XLPE and deliver improved insulation properties while reducing manufacturing time, and overviews of *Industry 4.0* possibilities in wire manufacturing and processing, among several papers. For the first time, CabWire featured funda-

mentals sessions on key industry topics, which were repeated throughout the day and ran parallel to the main forum.

These included polymer extrusion for cables, cable design, wire drawing, conductor design, induction heating and the stranding process. The schedule provided areas of interest for experienced candidates looking for a refresher, as well as those new to the industry and eager to learn more about the manufacturing process.

CabWire organisers were pleased how well attended and successful these workshops proved to be.

Industry beginners funded to attend the conference by the IWMA Educational Trust Fund as well as full delegates spoke very highly of this new feature.

CabWire also offered its usual opportunities for exhibitors to show off their products in displays, gaining access to potential customers, suppliers and producers in the process. Exhibitor areas again proved very successful.

CabWire isn't only about the industry, of course: if a full day being brought up to speed on current business wasn't enough, attendees were able to meet fellow delegates on a specially-chartered ship for a stunning evening cruise along the River Rhine.

This free event was made available to all the delegates and included dinner, drinks and entertainment as well as the ability to do some networking with friends old and new. The

evening was very well attended and will become a regular feature.

Delegates were also able to visit the cable-making factory of Leoni Kerpen GmbH.

As a global supplier of wires, optical fibres, cables and cable systems, Leoni Kerpen is at the forefront of developments in today's densely-networked world and opened its doors for a tour of the state of the art facility, as well as a chance to see the company's



Prof Dr Ing Bernhard Hoffschmid of Aachen University addresses the conference on his speciality, solar energy research

advances in copper and fibre technology in action.

"The tour was a phenomenal success, being very well attended and enjoyed by everyone who went," said Peter Large.

"CabWire was delighted to have secured an exclusive organised visit to LEONI Kerpen GmbH for a tour of this advanced manufacturing facility. We were very grateful for the invitation."

CabWire organisers are now looking forward to 2019 and building on this year's achievements.

THE IWMA put its not-so-secret weapon into play in 2017. Figuring that exhibitions in other parts of the world wouldn't need a stand the size of that rolled out for Düsseldorf, the team designed a smaller, more compact area that could be more easily (and less expensively) produced at smaller exhibitions around the world – while still offering all the comfort and presence of the main stand.

And they were proved right: the stand's appearance (see pictures) in Bangkok, São Paulo and Tehran in 2017 scored resounding successes, with masses of visitors and the generation of lots of discussion about the merits of joining the group.

The shows themselves were, of course, testament to the resurgence seen by the wire and cable industry last year as governments and multinationals started to put major projects in place and raised the demand for cables.

In Bangkok in September, show attendance

a reticent approach to investment seemed at last to be over. Almost 120 companies from 22 countries showed their products and services, and visitors increased to a total of 12,000, all of whom were able to gather the latest information from the main centres of the industry. It can be no surprise that for the second time, 15 German companies gathered in one large national stand to make their presence felt.

Around 95% of trade visitors came from Brazil, 5% from South and Central American



Tales of three cities

Bangkok (top picture) and São Paulo (bottom pictures) both featured in the wire and cable exhibition calendar again in 2017 – as did 'new' exhibition, Iran Wire (left).



broke all records from previous years, with almost 8,500 visitors from 50 countries over three days – a rise of almost 20% – to see stands from 400 exhibitors from 30 countries. Most interestingly, 95% of the visitors came from outside Thailand, and there were national pavilions featuring companies from Austria, China, Germany, Italy, Taiwan, the UK and the USA. One exhibitor suggested Thailand has become a regional hub, bridging Japan and the Southeast Asian and Middle Eastern markets.

At the other side of the globe, São Paulo in October also showed an upturn in attendance over previous years, and exhibitors noted that

countries such as Argentina, Bolivia, Chile, Columbia, Paraguay, Mexico, Uruguay and Peru, as well as from Canada, China and India. Visitors came primarily from the oil and gas industries, car industry, construction, metals and mining – wire, cable and pipes being a major factor in the projected investment in the South American construction, automotive and energy industries.

In December a third exhibition was in everyone's mind, in Tehran.

This exhibition is not a new event – Iran Wire has been running since 2013 – but it was new to the IWMA and organising partner Messe Düsseldorf, and effectively signalled a return

to the international industry for Iran. The three days attracted 136 exhibitors from 13 countries and covered 2,600 sq metres.

The significance of the opening up of the country was not lost on the IWMA and its partner: under the joint contract with Iran Wire, Messe secured 89 exhibitors from 12 countries for what is clearly being seen as a major hub for the middle eastern market. They joined almost 50 exhibitors from within Iran itself.

The next Iran Wire in Tehran to be organised by Messe comes round in the fourth quarter of 2019 – and will signal an exhibition interval change from one year to two years.



Wagner to lead WAI



THE Wire Association International (WAI), has appointed Richard T. Wagner (*above*) president for the current year, operating as chairman of the board and 65th president of the 88-year-old association based in Madison, Connecticut. He will also continue to serve on its conference committee.

A 40-year veteran of the wire industry, Wagner joined the WAI in 2013: "I'm honoured to have the opportunity to lead the WAI," he said. "It provides a crucial forum for the wire industry to further develop its most important resource — people committing to careers in the industry. Associating with colleagues in wire manufacturing results in a deeper understanding of excellent practices, world-class technology and approaches to our changing world through a diversity of ideas. We look forward to a successful and prosperous year."

Richard is vice president and general manager at Insteel Wire Products, America's largest manufacturer of steel wire reinforcing products for concrete construction, having worked there since 1992.

The not-for-profit WAI was founded in 1930 and now has more than 2,000 members in 51 countries. It manages the Interwire trade exhibition and WAI Operations Summit & Wire Expo and publishes *Wire Journal International*, the *WJI reference guide* and *Wire Bulletin* through subsidiary operations.

The WAI returns to Nashville, Tennessee from May 14-16 for its biennial Operations Summit and Wire Expo, held in conjunction with its 88th annual convention at the Gaylord Opryland Resort & Convention Center, with 125 companies on 150 stands.

www.wirenet.org

Uhing 75th anniversary

FOR 75 years, innovations developed by Joachim UHING GmbH & Co KG have been supporting machine and plant manufacturers worldwide.

Joachim UHING started his company in Kiel in 1943 as an engineering office. Having close connections to knitting machinery manufacturers, he developed a device to automate the traversing movements of the knitting carriage — previously operated manually — and enjoyed his first international breakthrough: the rolling ring drive. Since then similar designs have been used in an ever-growing number of varied industrial applications, but mainly in wire, cable and ribbon production and even, more recently, in drip irrigation systems, where they ease the process of laying out and removing tubes and flexible pipes.

As a market leader in the rolling ring drive sector and with many niche products in its portfolio, the company's international reputation grew.

The company's consistent growth required a move to more spacious premises at Mielkendorf, near Kiel, in 1973, and in the years that followed a worldwide sales network was established, first in the US then in Asia, Australia and Africa. Almost all European countries have UHING representation.

A second move to larger facilities eventually became necessary and after a long search the company moved to a site in Flintbek in April 2017.

In the early decades, UHING focused on purely mechanical components, but electronic extensions for rolling ring drives were added to the portfolio in 1998, and research continues constantly into improvements.

As well as new systems, UHING can modernise and extend existing systems with UHING products. In many cases, the UHING Motion Drive® — a rolling-ring drive extended by sensors and electronic controls — proves an ideal add-on. The software for the control unit was developed by the company and ensures that controls and rolling-ring drive co-operate perfectly.

In spite of its success, Joachim UHING has remained a medium-sized company.

"Our team has grown at a moderate pace," explained managing director, Jörg Wadehn. "Our employees know each other. Teamwork and respect for the individual and their expertise is vital to us, because dedication to the human factor contributes to our company's success and is decisive for trust and successful cooperation with our customers."

To underline his belief in his company's success, several UHING customers have contributed to the 75th anniversary celebrations with goodwill messages:

"We develop a broad range of machines for winding up thin wires, optical fibres and other delicate material," said Scott Markovitz of Showmark LLC of Exton, Pennsylvania.

"We have been using UHING drives for 15 years and above all we appreciate their reliability and versatility. The products perform permanently and reliably at a high level of quality."

Fabio Bissig of Dätwyler Cabling Solutions of Altdorf, Switzerland, said: "Our company has been using rolling ring drives made by Joachim UHING for decades. "The rolling ring drive is the epitome of a self-seller! Should a drive or drive component exceed its service life, all you need to do is grab a phone to have it repaired expertly."

The managing director of Lynxeye, Mr Feng, added: "Our congratulations to Joachim UHING GmbH. We have been cooperating with UHING for 30 years and the company offers top-notch products with properties that further improve the quality of our own products."

And finally Mr Wu, the manager of Chien Wei Precise Technology said: "Best wishes on the 75th anniversary of Joachim UHING."

"Our cooperation started more than 20 years ago with the UHING Linear Drive Nut, and we have been profiting ever since from UHING's support and high-quality products."

www.uhing.com



Prysmian to supply undersea power link to Capri

PRYSMIAN Group, a world leader in the energy and telecom cable systems industry, has been awarded a €40m contract to provide a new submarine cable connection between Capri and Sorrento (Naples) following a European call for tender.

The contract has been awarded by Terna Rete Italia SpA — a subsidiary of Terna SpA, the Italian transmission system operator.

The project involves the turnkey installation of an HVAC 150kV power cable link between power stations in Sorrento on the mainland and Capri's Gasto Ecological Island. The cable will run for 16km underwater and 3km on land.

The cables will be manufactured in the Arco Felice plant in Naples — a group centre of

technological and manufacturing excellence. Cable laying will be performed by the Prysmian vessel *Cable Enterprise*, with Prysmian providing all related network components and specialist civil engineering works. Completion is expected in 2019.

The contract follows Prysmian's work on the significant Capri-Torre Annunziata project, awarded by Terna in 2013, which provided a longer, 31km HVAC 150 kV submarine cable connection between Capri and the mainland.

"It is a source of great satisfaction and pride to be involved in the creation of infrastructure of such strategic importance and prestige for Italy," said Massimo Battaini, SVP of energy projects for Prysmian Group.

"We are delivering this project with our experience and cutting-edge technology, as

well as the important, direct involvement of local resources with our cable factory near Naples".

This second power link will complete the Capri connection ring, increasing the efficiency and reliability of the island's power system.

Prysmian Group has completed a number of important infrastructure projects in the Mediterranean, including in Italy the Sardinia-mainland connections, a link from Sicily to Calabria, and the Capri-Torre Annunziata in Italy; the Spain to Morocco, Iberian Peninsula to Mallorca and Mallorca to Ibiza links in Spain, and the recently completed longest connection of the Cyclades submarine ring in Greece.

www.prysmiangroup.com

Record number of WCISA scholarships

THE Wire and Cable Industry Suppliers Association has awarded more scholarship winners than ever in response to record 2017 applications.

As well as multiple scholarships, the WCISA board also made contributions to special scholarships for a programme organised by the International Cable Connectivity Symposium.

All the winners were allied to WCISA member companies as interns or employees, or as relatives of employees. The awards are used towards education expenses.

In 2017, the WCISA also awarded special scholarships of \$3,000 each, to the IWCS wire and cable Industry student scholarship funds at the Rensselaer Polytechnic Institute and Georgia Tech University. Both awards will help research into copper and aluminium wiring, polymer coatings, optical fibres and fibre-optic cables.

www.wcisaonline.org

Kurre Group acquires Siebe

ENGINEERING and extrusion specialist Siebe Engineering GmbH has been taken over by the Kurre group of companies.

Siebe will continue in business as an independent company with its own product range, but will increase the portfolio of products offered by Kurre, which offers contract manufacturing, mechanical and electrical engineering, laser and water-jet cutting and other engineering services across several fields.

"The takeover is the right step into the future for Siebe, and above all is a signal for employees to secure the jobs on site," said Rainer Spitz, Siebe's managing director.

"For Kurre, this is a stroke of luck and the right way to be able to offer customers perfectly customised systems", said the company's managing director and owner, Stefan Plaggenborg.

The takeover opens up new prospects for both companies,

www.siebe.de



L-R: Rainer Spitz, MD of Siebe Eng GmbH, Silke and Stefan Plaggenborg, new owner, and company founder Prof Dr Thomas Reiner.



BICG supplies raw materials, equipment and machinery to meet international standards for the automotive, construction and oil and gas industries.

www.bicg.ir



JNL specialises in products manufactured to ISO 9001 quality standards the high temperature wire and cable field.

www.shjnl.com



Ducab supplies a wide range of power cables and accessories to customers in over 40 countries globally.

www.ducab.com



EFD Induction has brought the benefits of induction technology to many of the world's leading manufacturing and service companies.

www.efd-induction.com

Welcome to new IWMA members



KamKat LLC, a member of the group of companies "Metal-Kit", produces wire rod using unique technology, which enables the company to create high-quality, competitive products.

www.kamkat.ru



KPW is a trusted manufacturer and stockist of precision wire for demanding applications where quality and service are essential.

www.knight-precision-wire.co.uk



Langfang Xinming has over 30 years' experience in the design and manufacture of wire and cable machinery.

www.xinmingcn.com



Lantor BV is a fully integrated manufacturing company whose activities include web forming, finishing and converting/customisation.

www.lantor.com



MSS, an ISO 9001 approved organisation, sources the most competitive or highest quality products for customers' needs to release factory space and reduce inventory and financing costs.

www.mssproducts.com



REDIES was founded in 1980 and produces wire drawing tools made from diamond materials and tungsten carbide for copper and steel wire and tubes producers.

www.redies.com



Sinoleader Industries is one China's main suppliers of cable and plastic equipment and other related materials.

www.sinoleader.com



UL helps customers navigate market complexity and connect to safer, more secure, more sustainable products, services, experiences and environments.

www.ul.com



Uygur Makina Sanayi Ve Tic offers a comprehensive range of machines for cable manufacturing including extrusion lines and extrusion moulding, as well as turnkey projects.

www.um.com.tr



The IWMA Educational Trust promotes the learning of new skills and the acquisition of experience for the talent of the future.

The Walter Niehoff Scholarship

The scholarship provides funding to train individuals supported by member companies. Applications can be made through the IWMA website at any time.

John C Hogg Travel Awards

The IWMA gives newcomers to the industry the chance to attend major industry events, like *wire Düsseldorf* and *CabWire*, by contributing towards travel and hotel costs. Successful applicants get to learn about the latest innovations and meet influential industry people.

University Links

The IWMA is working with such universities as Southampton and De Montfort, to find ways of working together – for example on research papers or training placements.

Visit the IWMA website:
iwma.org/education

Why you should join the IWMA

FOUNDED in 1970, the IWMA is the world's largest and most influential corporate association for the wire and cable industry.

The association promotes new technology, education and industry growth through events, conferences and publicity opportunities. These offer an international forum for technological advance and best practice for IWMA members.

Membership offers companies an international platform for the exchange of technology, regular, focused meeting places for the industry, as well as superb reference sources from a library of past technical conference papers.

The IWMA attends the biggest international exhibitions with a prominent stand that provides support for members exhibiting or just visiting each event. The stand was recently redesigned to provide more and better facilities for members.

The stand offers a range of business services, from meeting space and printing to internet access and refreshments.

Whether members want to use a private

room in which to meet customers and talk business, or just catch up with colleagues over a beer, the stand's facilities are freely available.

As well as exhibition business facilities, the IWMA also organises networking events for members attending exhibitions, which are always very well attended.

Our friendly stand team is available at exhibitions to help members sort out any problems. The association offers a great network when members are overseas, and can also help with hotels, transport and other vital elements of international trade.

As a wire industry partner of exhibition organiser Messe Düsseldorf GmbH, the IWMA can advise members on the shipping of display items, transportation or general accommodation or other essential matters.

IWMA members also enjoy many other benefits, such as funding for training, access to business advice and the use of modern meeting rooms and hot-desk facilities at the association's offices near Birmingham airport in the UK.

Forthcoming IWMA member events

17 April 2018

wire 2018 Industry Gala Evening

Süd Room 2, Congress Centre, Messe Düsseldorf

7 June 2018

Annual Golf - Spa Event

The Mere Golf Resort & Spa, Knutsford, UK

23 November 2018

Annual Dinner Dance

Royal Garden Hotel, London, UK

Tel: (+44) 121 781 7367

Email: info@iwma.org

web: www.iwma.org

Full details of IWMA membership benefits at
www.iwma.org



Member benefits

Networking

Unrivalled opportunities
for networking and
collaboration.

•

Sponsorship

Access funding to help industry
newcomers extend their skills
and qualifications

•

News

WCN has the latest industry
and member news

•

Exhibition Support

The IWMA attends the biggest
international exhibitions - and
offers attending members
great support

•

Education

Benefit from the IWMA's
excellent partnerships with key
wire and cable industry bodies
and universities

•

Expertise

Access business expertise and
advice, as well as wire and cable
industry knowledge

•

Experience

Extensive library of technical
papers is available to members
and is an excellent point of
reference

•

Our offices, your offices

Make use of the IWMA's modern
meeting rooms, boardroom
and hot desk facilities near
Birmingham airport, UK

Become a member of the IWMA

*Membership is open to companies and individuals involved in the
manufacture and distribution of all kinds of wires and cables.*

We, the undersigned, wish to apply for membership of the above association
and agree to pay the annual fee of US\$280, €245 (EU non-VAT exempt/non-
Eurozone), €204.17 (EU VAT exempt), £150 (+VAT for UK companies).

Company			
Address			
Postcode		Country	
Telephone		Fax	
Email			
Website			
Title			
First name		Last name	
Job title			
TVA/VAT no			

What does your company make or supply?

How did you hear about the IWMA?

<input type="checkbox"/> Exhibition/conference/event	<input type="checkbox"/> Recommended by member
<input type="checkbox"/> IWMA website	<input type="checkbox"/> Trade press
<input type="checkbox"/> WCN newsletter	<input type="checkbox"/> Other <input type="text"/>

What, for you, will be the key member benefit?

<input type="checkbox"/> Networking	<input type="checkbox"/> Sponsorship
<input type="checkbox"/> News	<input type="checkbox"/> Exhibition support
<input type="checkbox"/> Education	<input type="checkbox"/> Expertise

Signature Date

Return your completed form to:

IWMA Ltd, Wellington House, Starley Way, Solihull, B37 7HB, UK

Tel: +44 121 781 7367 • Fax: +44 121 781 7404

Email: info@iwma.org

Apply online at www.iwma.org/join

Industry
partner to
the major wire
and cable
exhibitions

