

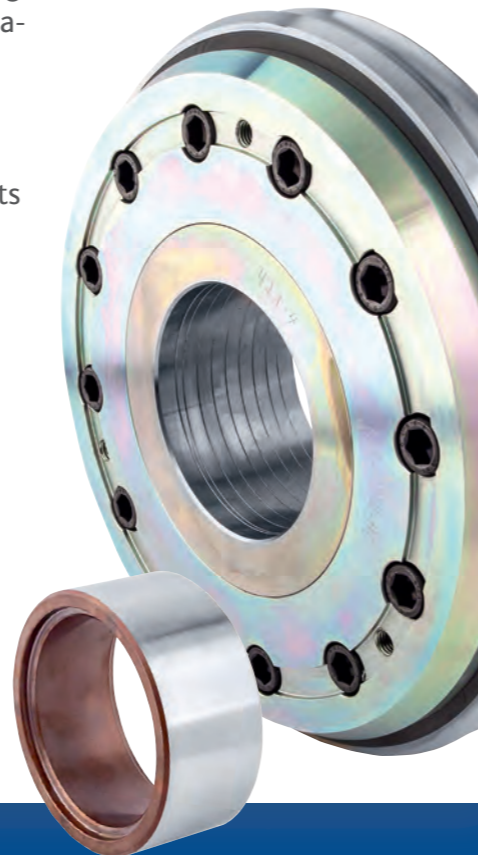


Quality from a single source *Made in Germany*

Quality from a single source – Today, an enormously high vertical range of manufacture allows handling of all production steps in our company: from casting of raw materials to machining on the latest CNC-machines up to hardening in our own hardening shop. Thus, quality lies in our own hands.

Made in Germany – we do what we promise. We are still able to develop and produce all products in our two workshops in Radevormwald due to modern machines and production.

- > Production of high-quality tools from special alloys according to customers' requirements
- > Production of roll rings, pinch rolls, twist rolls, guide rolls, slit rolls, straightening rolls, transport rolls and many more besides from HSS and tool steel
- > Own development of special metals
- > Certification to DIN EN ISO 9001:2015 from the TÜV Nord



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DER KALIBREUR KALIBREUR DER



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EDITORIAL

Liebe Leser!

Wir freuen uns, Ihnen die nächste Ausgabe unserer Zeitschrift „DER KALIBREUR“ vorlegen zu können, in der wir die 89. Fachtagung 2019 in Treviso/Italien abbilden möchten. Unsere letzte Konferenz fand vom 2. bis zum 4. Oktober 2019 im Hotel Maggior Consiglio mit 213 Gästen (davon 60 Vereinsmitgliedern und 153 weiteren Teilnehmern) statt. Einen schönen Abschluss fand die Konferenz in den hervorragend organisierten und gut besuchten Firmenbesichtigungen bei ABS Udine, bei Pittini in Verona und bei AFV Beltrame in Vicenza.

Diese Themen werden vorgestellt:

- Prof. Turczyn stellt ein Richtverfahren für warmgewalzte Stahlträger vor.
- Untersuchung des Rückwärtsschlupfes beim Universalwalzwerk und die Anwendung des Universal-Kantenwalzwerkes beim H-Träger-Walzen
- Dr. Schmidtchen gibt einen Einblick in das Profilwalzen von asymmetrischen Profilen.
- Den Einsatz von 2,5D-FEM für die Optimierung der Stichplangestaltung stellt Herr Nardini von Primetals vor.
- Defektreduzierung und Qualitätsoptimierung durch die Modellierung der plastischen Verformung und der metallurgischen Entwicklung
- Entwicklung der Walzwerksteuerung von den ersten eingesetzten Systemen bis heute und mögliche Entwicklungen für die Zukunft
- Herkules Rillenschleifmaschine mit automatischer Ladevorrichtung
- PMI auf Basis von LIBS – Wie der Einsatz des Lasers neue Wege der Materialidentifikation ermöglicht

Nachdem uns 2020 und 2021 die weltweite Pandemiesituation einen Strich durch die Veranstaltungsrechnung gemacht hat, blicken wir jetzt gespannt auf das kommende Jahr. Die nächste Konferenz ist für 2022 in Deutschland geplant und soll vom 5. bis 7. Oktober 2022 im Hotel Hyperion in Dresden stattfinden. Die Vorbereitungen laufen und wir freuen uns, dass sich die Fach-Community dann endlich wieder in Präsenz treffen kann.

Wir wünschen Ihnen viel Vergnügen beim Lesen und viele fachliche Anregungen mit dem aktuellen Heft!

Ihr „KALIBREUR“-Team

Dear readers!

We are pleased to present the next issue of our journal "DER KALIBREUR", which reflects the 89th Symposium 2019 in Treviso/Italy. Our last conference took place from 2 to 4 October 2019 in the Hotel Maggior Consiglio with 213 guests, 60 of them association members, and 153 other participants. The conference was nicely concluded by the excellently organised and well-attended company visits at ABS Udine, at Pittini in Verona and at AFV Beltrame in Vicenza.

As the presentations at Treviso are already far in the past, we would like to give a brief overview of the content here:

- Methods for quality assurance of long products
- Rolling with the Universal Mill in steel companies
- Modelling of rolled sections using the 2.5D FEM method
- Methods for modelling plastic deformation
- Control systems of rolling mills, automation in the steel industry
- PMI – How the use of lasers opens up new ways of material identification

After the worldwide pandemic situation made it impossible for us to hold an event in 2020 and 2021, we are now looking forward to 2022. The next conference is planned for 2022 in Germany and will take place from October 5 to 7, 2022 at the Hotel Hyperion in Dresden. Preparations are underway and we are looking forward to the professional community finally being able to meet again.

We hope you enjoy reading this issue and that it will provide you with lots of professional inspiration!

Your "KALIBREUR"-Team



The "KALIBREUR"-Team from left to right: Matthias Schmidtchen, Kristin Butze, Ulrich Prah

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Obituary

Adriano Falsoni †

1927–2021

Last March 22 our colleague mr Adriano Falsoni went up into the sky.

He was an AIKW member from long time: January 1973. Man of great experience in the rolling technology. At first as technologist at SMI from 1954 to 1970.

After he worked at Alfa Acciai till 1992 as rolling mills manager at the beginning and as general manager during last decade.

He had retired from 1993.

Lot of italian colleagues which knew Adriano, are very sad and want to give him this last greeting.

Necrologio

Adriano Falsoni †

1927–2021

Il 22 Marzo scorso è salito in cielo il nostro collega Adriano Falsoni.

Egli era socio della AIKW da molto tempo: dal Gennaio 1973. Uomo di grande esperienza nella tecnologia di laminazione: inizialmente, come tecnologo alla SMI, dal 1954 al 1970.

In seguito, fino al 1992, lavorò alla Alfa Acciai, prima come responsabile degli impianti di laminazione, poi nell'ultimo decennio come dirigente.

Lasciò l'attività per andare in pensione nel 1993.

Tutti i colleghi italiani, che lo conoscevano, sono tristi e vogliono dargli questo ultimo saluto.