

Accommodation

We recommend the hotels listed below due to their proximity to the seminar venue.

Hotel ibis Styles Kaufbeuren Allgäu

Ganghoferstrasse 8
87600 Kaufbeuren
+49 8341 9552-0
+49 8341 9552-444
HA036@accor.com
www.accorhotels.com/de/hotel-A036-ibis-styles-kaufbeuren-allgau/index.shtml

Hotel Landgasthof Zum Goldenen Schwanen

Paul-Gaupp-Straße 1
87665 Frankenried
+49 8341 9396-0
+49 8341 9396-30
info@goldener-schwanen.de
www.hotel-restaurant-kaufbeuren-marktoberdorf.de

Hotel Flair Am Kamin

Füssener Straße 62
87600 Kaufbeuren
+49 8341 935-0
+49 8341 935-222
info@flairhotel-am-kamin.de
www.flairhotel-am-kamin.de

Hotel Irseer Klosterbräu

Klosterring 1
87660 Irsee
+49 8341 432200
ikb@irsee.com
irsee.com

Hotel Gasthof Grüner Baum

Ostendorfer Straße 11
87679 Westendorf / Allgäu
+49 8344 1575
+49 8344 992035
info@gruener-baum-westendorf.de
www.gruener-baum-westendorf.de

Registration form

Please send your registration via email to:
sandrina.rusche@mayr.de

I hereby bindingly register for the seminar **“Safety brakes in safety-critical applications”** on 6 November 2019 (Registration deadline: 31 August 2019)

Participant

Last name
First name
Company
VAT number
Position
Street, No.
Postcode / Place
Country
Phone
Email

(If case of deviating details) Please send the invoice to the following address:

Company
VAT number
Department
Street, No.
Postcode / Place
Country

05/2019 SL

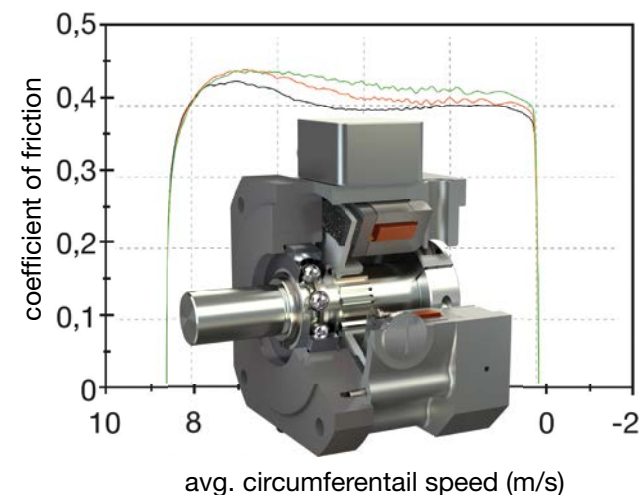
Chr. Mayr GmbH + Co. KG
Eichenstraße 1, D-87665 Mauerstetten
Tel.: +49 8341 804-0
Fax: +49 8341 804-421
www.mayr.com | E-Mail: info@mayr.com

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Experts instead of experiments

Safety brakes in safety-critical applications



6. November 2019

Seminar Leader

Dr. Benedikt Biechele, mayr® power transmission

Safety brakes in safety-critical applications

The user seminar for specialist and management personnel, designers, developers and safety representatives from the field of mechanical engineering

Dear Sir / Madam,

Suspended loads in machines and systems, especially in machine tools, handling systems, assembly jigs, lifting gear, cranes and stage winches represent a substantial hazard potential – in particular if people remain below them. Therefore it is important to permanently exclude inadvertent lowering of the load and unpermitted long stopping distances already during the design phase.

In many safety-critical applications, safety brakes are the only safeguard against crashes or unwanted lowering of suspended loads. Incorrect design or dimensioning of these brakes may lead to serious injury to people and damage to property.

In this user seminar, you will learn how to avoid errors in design. You will be qualified to select and dimension brakes for safety-critical applications, taking all physical circumstances and influence factors into account, so that hazardous situations such as load crashes can be excluded. In addition, you will familiarise yourself with suitable measures in order to retain the performance capacity of the brakes and the system safety long-term.

We are looking forward to welcoming you to the user seminar "Safety brakes in safety-critical applications".

Your

Günther Klingler
Managing Director *mayr*® power transmission

Seminar topics/program

Theoretical part: 08:30 hrs to 13:00 hrs

Set-up and function

Properties of electromagnetic safety brakes

In the jungle of standards / directives

Which regulations are relevant for brake dimensioning

Safe holding / dynamic braking

Basic requirements for safety brakes and quality assurance measures

Which brake fits which application

– Practical examples

Design and function of tried and tested safety brakes for safety-critical applications

The right wiring for safety brakes

A lot is possible – from rectifiers to reliable control

Permanent safety through continuous brake monitoring

Measures for the long-term retention of the performance capacity of safety brakes

The braking torque is not constant

Which factors influence the braking torque

Safety through correct dimensioning

Calculation bases for the reliable dimensioning of safety brakes

Practical Part: 14:30 hrs to 17:00 hrs

Live demo on the test stand

- Braking torque progression in case of permitted friction work and in case of brake overload
- A matter of definition — how to correctly assess braking torque data
- Which factors influence the braking times and stopping distances, and which factors can dangerously prolong them

Never compromise on safety

100% control – a must for safety brakes

Venue

Chr. Mayr GmbH + Co. KG
mayr® power transmission
Eichenstraße 1, 87665 Mauerstetten, Germany
Tel: +49 8341 804-0
info@mayr.com | www.mayr.com

Organizational Matters

Registration

Please register via email using the registration form overleaf.

Number of participants

The number of participants is limited, so we recommend early registration.

Participation fee

The participation fee is 475 € (plus VAT), including drinks, lunch, seminar material and certificate of participation. **Profit from our early bird registration** until 31.07.2019 and pay only 385 € (plus VAT). We grant a discount of 10% for the second and every additional participant from the same company.

Confirmation of participation / Invoice

We will confirm your registration via email in a good time. **Please note that we reserve the right to cancel the seminar until 11.09.2019 due to organizational reasons.**

The seminar price shall be due on receipt of the invoice, 7-8 weeks before the seminar begins.

Cancellation

In case of cancellations made until 31.08.2019, we charge an administration fee of 50 € (plus VAT).

The full participant fee will be charged in case of cancellation after this cancellation deadline.

Contact

Seminar Content

Dr. Benedikt Biechele (Seminar Leader)

Tel: +49 8341 804-103 | benedikt.biechele@mayr.de

Registration

Sandrina Rusche

Tel: +49 8341 804-1901 | sandrina.rusche@mayr.de