

6. Freiburger Kalibreurstag

Topic:

Groove Pass Design for Asymmetrical Profiles

Date 28./29.08.2023
Place Institut für Metallformung (TU Bergakademie Freiberg)
Bernhard-v.-Cotta-Straße 4
09599 Freiberg

Wednesday, 28.08.2024

13.00h Welcome and introduction of the participants
13.45h Keynote lecture - Matthias Schmidtchen, IMF
Design of profile pass design in two-roll and universal rolling mills
14.45h Coffee break
15.00h Guest lecture (tba)
Requirements for hot rolling asymmetrical profiles
15.30h Guest lecture (tba)
Requirements for rolling flange profiles
16.00h Coffee break
16.15h *PyRoIL and profile rolling*
18.00h Evening event

Donnerstag, 29.08.2024

08.00h *Design of angle profiles with exercise*
09.00h Coffee break
09.15h *Design of flange profiles*
10.45h Coffee break
11.00h *Exercise in flange profile*
12.00h Lunch break
13.30h *Exercise in cup and rail groove pass design*
14.30h Coffee break
14.45h *Exercise in microstructure development during hot rolling of profiles*
16.00h Conclusion incl. snack
Strategy talk on the International Calibration Centre with handover of the certificates

Afterwards on Friday, 30.08.: PyRoIL user meeting