

# TAKRAF



Innovation out of tradition – It pays to talk to a specialist!

REGISTER NOW

## TAKRAF SIZER DAY

September 25, 2024

TAKRAF Product Center \*

TAKRAF SIZER DAY ITINERARY	
Time	Event
08:00	Bus pickup at hotel in Dresden** and travel to Lauchhammer*
09:30	Welcome and Introduction to Sizer Day
09:40	<b>A Passion for Heavy Equipment</b> TAKRAF's Product & Service Center
10:00	<b>New Generation of Hard Rock Sizing</b> TAKRAF X-TREME Class Sizer
11:00	<b>Crushing Edge Technology</b> 3D Printing, Overlay Solutions, and Simulations
11:30	<b>Optimal OPEX</b> Aftermarket strategies to reduce total operating costs
13:00	<b>Workshop Tour &amp; Sizer Demonstrations</b> <i>Primary Sizer 14.30:</i> segment, teeth, and liner change out <i>Secondary Sizer 08.30:</i> centre distance adjustment <i>Workshop Tour:</i> Overlay Robots, Rock Laboratory, other TAKRAF products and capabilities, gearbox test bench
16:00	Bus transfer back to Dresden**
18:00	Group Dinner in Dresden ***

- We are looking forward to welcome you in Lauchhammer/Germany where TAKRAF continues a longstanding industrial tradition dating back to 1725.
- Join us to hear about the latest sizer developments at TAKRAF and attend live demonstrations of maintenance activities on two sizers in our workshop.
- End the day together with your peers from other mining companies and our specialists during a dinner in the historical heart of Dresden.
- Please register your participation in Sizer Day here: [Register for Sizer Day](#)
- For your convenience we have reserved a number of rooms at Hilton in walking distance to the dinner location.
- Please make your reservation here before August 6, 2024: [Hotel reservation \(HILTON\)](#)
- Bus transfer is provided from Hilton hotel to the venue location in Lauchhammer and back.

\* TAKRAF Product Center  
Bahnhofstraße 26, Lauchhammer/Germany

\*\* Hilton Dresden  
An der Frauenkirche 5, Dresden/Germany

\*\*\* Augustiner  
An der Frauenkirche 16-17, Dresden/Germany



# TECHNICAL PROGRAMME

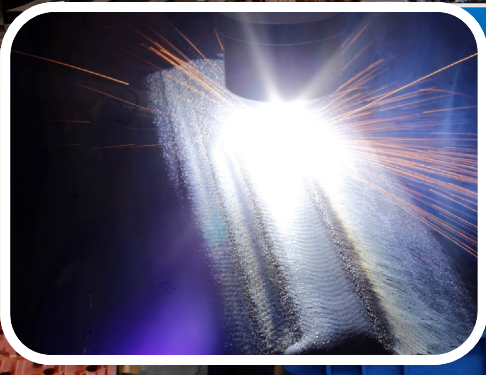
# TAKRAF SIZER DAY

September 25, 2024  
TAKRAF Product Center



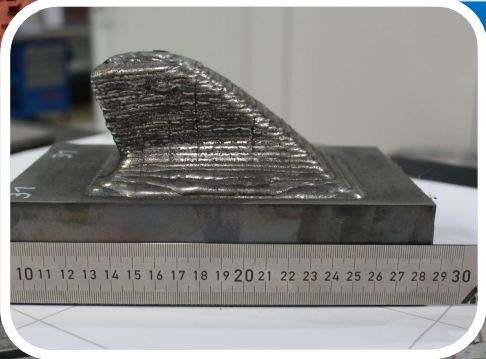
## DEM SIMULATIONS

- ANALYZING INTAKE AND CRUSHING BEHAVIOUR
- PREDICTING PRODCUT SIZE OF SIZERS
- MAPPING WEAR INTENSITY



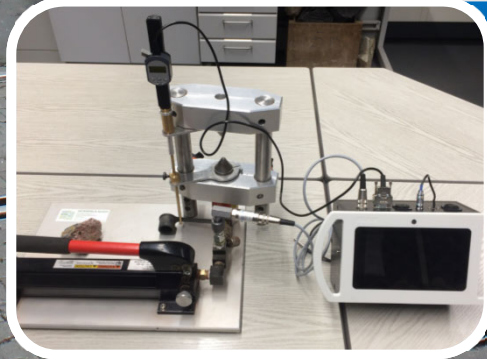
## OPTIMAL OPEX

- WOLFRAM ARMOR TO EXTEND LIFETIME
- BENCHMARKING LIFETIME TO OPTIMIZE OPEX



## 3D PRINTING

- LASER, MIG, AND TIG 3D PRINTING TECHNOLOGIES
- IMPROVING SUPPLY CHAIN BY ON-DEMAND SEGMENT CREATION



## MATERIAL TESTING

- MODIFIED POINT LOAD TESTING TO DETERMINE SIZE EFFECT OF MATERIAL
- INPUTTING RESULTS INTO TAKRAF BREAKAGE MODEL

