

TODO

WORK PACKAGE

TITEL : Finalization of the 2023/2024 Design Report

WOPA.Nr: 0001

CONTEST YEAR: 2023/2024

ISSUED BY: C. SOILEMEZIDIS

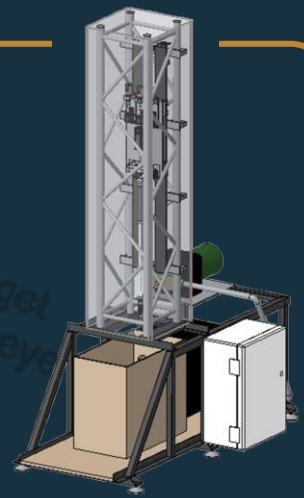


Supervisor: M.Sc. Wolfgang Hollstein
E-Mail: who11@tu-clausthal.de

Advisor: B.Sc. Charalampos Soilemezidis
E-Mail: cso19@tu-clausthal.de



Drillbotics® is a prestigious international university competition where teams from around the globe collaborate to design and develop an autonomous directional drilling rig. This challenge merges engineering expertise with innovation, aiming to revolutionize the drilling industry while promoting collaboration and hands-on experience.



OBJECTIVE

DEADLINE: 31st December 2023

To master professional-level proficiency in LaTeX and utilize it to refine, format, and augment the 2023/2024 design report, incorporating relevant visuals, integrating auxiliary documents, and restructuring sections as necessary.

OUTCOME

By the end of this work package, the student will not only have a polished and comprehensive 2023/2024 design report but also an advanced understanding of LaTeX. Additionally, the student will acquire in-depth knowledge about various drilling techniques, effectively bridging the gap between technological expertise and subject matter proficiency.

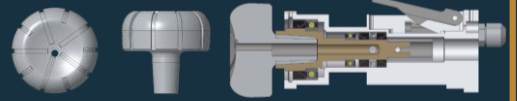
Student Work Packages

Students interested in hands-on experience and applying their academic knowledge are encouraged to take on these work packages. If you're keen to express interest, apply for a work package, or seek more details, please contact us. It's up to you to decide whether the task aligns with your skills and interests. If you lack experience in the highlighted fields (in BLUE), seize the opportunity to learn with us. Don't worry; the primary requirement is motivation. This journey is all about learning and growing.

DESCRIPTION

The appointed student will embark on a dual journey of technological and subject expertise. On the tech front, the task entails diving deep into the world of LaTeX to achieve a level of mastery that allows for proficient document formatting and editing. This will involve integrating images seamlessly, assimilating external works into the primary report, and possibly reconfiguring sections to enhance coherence and flow. Parallely, the content will introduce the student to intricate details of various drilling techniques, necessitating a thorough understanding and possible translation of complex drilling methodologies into the report.

CONTACT



drillbotics@tu-clausthal.de

Certificate of Completion for Work Packages

Upon successful and timely completion of the designated work package, and if the specified outcomes are met, a certificate will be issued to the individual responsible for the task. This certificate stands as an official recognition of the individual's diligence, skill, and commitment to the project.

Complexity grade

1. 20h	3. 60h	5. 100h
2. 40h	4. 80h	6. >100h



Complexity grade

6
5
4
3
2
1



TUC Drillbotics®
learning & creation



MECHANICAL



ELECTRICAL



ADMINISTRATIV



PROGRAMMING



AI



DESIGN