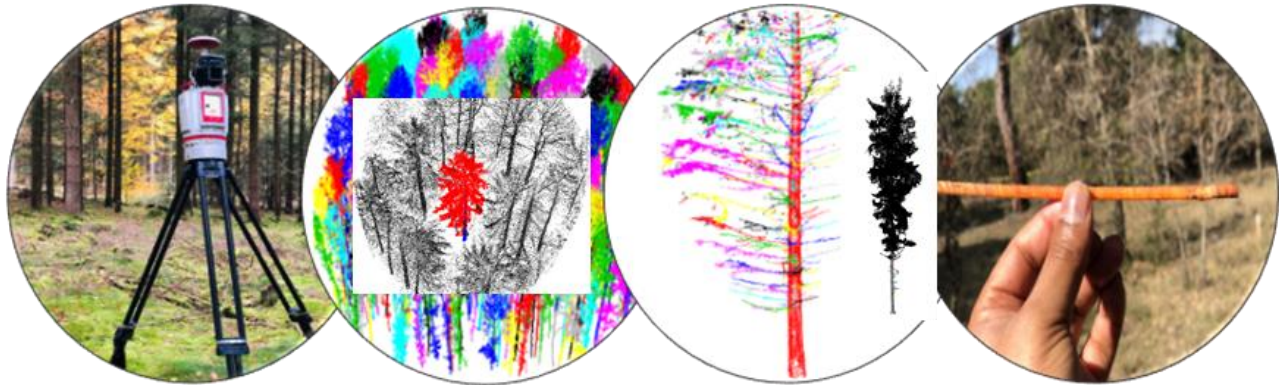


## Student assistant wanted

### Project: Linking crown structure and tree ring patterns (skill for action)



The aim of the project is to quantify the relationships between crown structure and tree ring patterns. To do that terrestrial laser scanning and dendroecological data is being used. Terrestrial laser scans (TLS) were carried out in the different forest stands in order to understand the 3D crown structure and the dendroecological tree ring data collected to observe the course of tree growth. This should make it possible to quantify the link between crown and tree ring.

To facilitate the work, for the period February 2024 to around April 2024 we are looking for a careful student to **measure drill cores and cut out trees from point clouds**. The work takes place in our tree ring laboratory as well as in the office and can also be partially carried out from home. The working hours can mostly be determined independently and individually (between lectures, as well as taking into account times for exam preparation). If you are interested, you also have the option of writing a final thesis (Bachelor/Master) at the Chair of Forest Growth and Yield Science. Interested students should have basic knowledge of forest plants and be able to work very carefully, competently, reliably and independently. In addition, you should generally enjoy working on a computer and a microscope.

If you are interested or have any questions,

**please contact:**

**Shamim Ahmed or Dr. Torben Hilmers**

Chair of Forest Growth Science

Tel.: +49 1744777932

[shamim.ahmed@tum.de](mailto:shamim.ahmed@tum.de)/[torben.hilmers@tum.de](mailto:torben.hilmers@tum.de)

[www.wald.growth.wzw.tum.de](http://www.wald.growth.wzw.tum.de)