

INTERNSHIP/GRADUATION ASSIGNMENT THESIS CTL YARN SPINNING

Are you interested in the sustainable textiles, textile recycling and circular economy?

Within the region of Twente we are working on creating a circular textile supply chain, together with other companies. Part of this project is to obtain high quality yarns containing recycled fibres. This can include textile recycling and spinning yarns with these recycled fibers. The spun yarns need to obtain a desired quality and can be further processed into products. Within the research group we work together with different companies on this topic. Depending on what project will be running during the time of your internship/thesis assignment a more specific assignment will be determined.



TASK DESCRIPTION

- You will work at the CTL lab in the Epy Drost building of Saxion. Here you will go through the process of creating a yarn through recycling of fibers, carding, drawing and spinning. You will also do quality testing on the fibres and yarns.
- This project can also include the further processing of yarns into a product through knitting or weaving.
- During weekly meetings with you supervisors and peer students, you will discuss your progress and issues. This way the whole CTL team will learn from your findings as well, and we can help each other out when needed.

PRACTICAL INFORMATION

- **Student profile:** This assignment is specifically for Fashion & Textile Technologies students with a strong interest in sustainable textiles and textile processing.
- We are looking for a student that can work very precisely and independent.
- As you will be working alongside other students and researchers in the lab we expect you to make a clear planning and have clear communication.
- **Contact person(s) for this assignment:** Maud Kuppen (m.kuppen@saxion.nl)
- **Research group Sustainable and Functional Textiles:** saxion.nl/sft