Chair of Waste Processing Technology and Waste Management (short AVAW)
Tanja Trieb (Secretariat)
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Technical University of Leoben

AVAW
Abfallverwertungstechnik & Abfallwirtschaft

Several

Bachelor's or Master's Theses

in the field of

Textiles

You can choose from the following topics, among others. However, the list is not complete and the focus is constantly changing. If you are generally interested, I would ask you to get in touch with me. Then we can talk about potential topics.

Circular economy of used textiles:
As part of the Bachelor's/Master's thesis, existing initiatives and existing offers (C2C and B2C) for the circular economy of used textiles to extend the use phase (repair/refurbish/reuse/remanufacturing) are to be surveyed and the state of the art in this area is to be presented. The key words used to communicate offers and the extent to which these include forms of greenwashing will be investigated.

Composition of used textiles:
As part of the Bachelor's/Master's thesis, the composition of various product categories in the field of textile recycling is to be systematically collected and the data processed accordingly.

Accessories of used textiles:
As part of the Bachelor's/Master's thesis, the accessories of various product categories in the field of textile recycling are to be systematically collected and the data processed accordingly

Development of a future workshop for students on the topic of "Extending the use phase of textiles"
As part of the Bachelor's/Master's thesis, a future workshop is to be set up and held and the results prepared and elaborated.

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Digital Product Passport for textiles:

As part of the Bachelor's/Master's thesis, the state of research and the state of the art for Digital Product Passports for textiles are to be surveyed. Essential elements for selected textile groups are to be developed for DPP.

NIR handheld:

A database for the recognition of textiles is to be set up for the chair's own NIR handheld as part of the Bachelor's/Master's thesis.

Supervisor: Ass.Prof.DI Dr.mont. Alexia Tischberger-Aldrian
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Start: asap, students urgently needed!
Language: German or Englisch
Duration: 4-6 months
Location: Chair of Waste Processing Technology and Waste Management