

Our working group (AG Thomas Mayer-Gall) at the German Textile Research Center North-West (DTNW) is always looking for motivated students for research work in the form of

- Bachelor's thesis
- undergraduate work (Vertiefungs- und Analytikpraktikum)
- Master's thesis
- Internship

So far, these collaborations have taken place with the following universities and institutes:

- University Duisburg-Essen
 - Chemistry program
 - Water Science degree program
 - Chemistry teaching profession program
- Niederrhein University of Applied Sciences
- Rhein-Waal University of Applied Sciences
- Hamm-Lippstadt University of Applied Sciences

Students from other universities are also welcome to join us.

Overview of current research topics offered in our work group:

- Synthesis and characterization of halogen-free flame retardants and their application:
 - on fabrics
 - in polymer
 - for resin-based 3D-printing
- Development of carbon nanofiber (CNF) materials for energy storage (supercapacitor, batteries, redox flow and fuel cells)
- Selective textile recycling using ionic liquid, deep eutectic or biobased solvents
- Functional textile/nanofibers based adsorber for water and air treatment
- Ageing behaviour of polymers
- Biobased textile coating and finishing
- Nanofibers-based heterogeneous catalyst
- and more..

For further information on specific topics and possible dates, please contact:

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