The ISM+D Department is looking for a student assistant for the BAMP Project.

The BAMP (Bauen mit Papier) Project concerns research on innovative structures made out of paper. You can see the extensive project description if you visit the following link:

http://www.ismd.tu-darmstadt.de/forschung_1/material_ismd/bamp_bauen_mit_papier/bamp_bauen_mit_papier.de.jsp

Two researchers from the ISM+D Department are responsible for the development of the construction, focusing on structural calculations (Nihat Kiziltoprak – mentor Jens Schneider), design of the connection components and façade detailing (Evgenia Kanli – mentor Ulrich Knaack). The position for the student assistant concerns the second part.

What is planned to be developed within the next year:

- A database that includes existing projects and research.
- A map that expresses all the possible types of connections that show potential for the research.
- The planning and realization of 1:1 scale prototypes.

Motivation:

This could be a great chance for you to see how building components are being created from the first stage of conception to the manufacture of the actual component.

Contract and hours of work:

The student assistant would need to work five hours per week for the first month (in total 20 ours) for the start. The first contract will last for 1 month. The amount of hours could be increased or not, based on the schedule of the student.

Skills and Requirements:

- The student should have completed at least the first 4 semesters.
- Knowledge of English language is much appreciated.
- Knowledge of CAD software (AutoCAD and Rhino)
- Ability to prototype.

For further information or in case you would like to apply please send an email to the Contact person. For the application you will need to attach your CV in the email.

Contact person:

Evgenia Kanli, email: kanli@ismd.tu-darmstadt.de