



Research Presentation for PhD students and Collaboration

The following content should be presented for each planned research in order to apply for a research stay at ibp at Hof University:

1. Introduction
 - a. Topic
 - b. Aim of the Work
 - c. Graphical Abstract
2. State of the Art
 - a. Literature Review
 - b. Research Questions and Research Gap
3. Experimental Part
 - a. Detailed Work Plan
 - b. Explanation of Feasibility (for engineers)
 - c. Materials and Equipment Needed
 - d. Price Estimate for Materials and Sources
4. Cooperation and Economic Benefits
 - a. Economic Viability
 - b. Benefits for both Sides (home country & Germany) & Planned Peer-Review Papers
 - c. Reference to ibp projects

General information about ibp:

The research work at Hof University is located around the following topics:

- Biopolymers
- Recycled polymers
- Natural materials
- Circular economy

Please consider this when preparing a research proposal.

Also keep in mind that the research work must also be (at least partly) be applicable in the European economy – e.g. the work should not only incorporate materials that cannot be economically accessed in Europe.

We are equipped with machines and general in equipment in the following areas:

- Small Chemical Modifications (approx. 50 g sample size) – no reactors
- Compounding
- Extrusion
- Recycling processes
- Material testing / analysis (mechanical testing / material characterization)
- Microscopy (SEM, OLM, AFM)