



## Feedback summarized by Markus Schultz M. Sc., Research assistant

We use the ForceBoard in two types of lectures / applications to demonstrate and illustrate Friction. The type of applications differs significantly from each other. In the construction theory lecture, which is part of the basic lectures in the bachelor's degree Mechanical engineering counts and is therefore attended by over 500 students, Lecture hall experiments are carried out in front of the students via a projector. In this way it is clear to the students what influence different ones have surface topographies and lubrication conditions on the frictional contact.

In contrast to the students of the lecture "Basics of Tribology" in the Master's use the ForceBoard and conduct friction tests with differently processed specimens and lubrication conditions (unlubricated, oil and grease lubricated). Here the students should recognize which factors have an impact on friction and how friction can be reduced.

The simple and unproblematic structure of the ForceBoard allows this approach without extensive instruction in the function and operation of the measuring device. This makes it possible for the students to independently examine the complex area of friction without restrictions.

*Note: This is a translation from the original user feedback which is available in German for comparison purposes.*