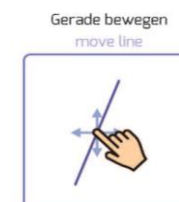
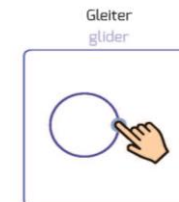


# SKETCHOMETRY IN TOUCH WITH GEOMETRY



Dr. Carsten Miller, University of Bayreuth (Germany)

**Pondělí 10. 10. 2016, 14:45 - 16:00, místnost G302**

(budova G areálu TUL, Univerzitní nám. 1410/1, Liberec, 3. patro)

**ABSTRACT:** The interactive dynamic geometry software sketchometry instantly converts your hand drawings into geometric constructions, which can be modified and dragged around. Like the pocket calculator you can use your tablet or smartphone with sketchometry directly in the classroom, you don't have to go to a computer lab and you can work with the software only for short learning periods during a lesson.

Sketchometry is gesture based, so the students don't have to use a complex menu structure. Together with printed worksheets (including hints, help and tasks) this enables a modern way of teaching with new technology in the classroom. Sketchometry is under continuous development and is field-tested. Since spring 2013, students of several schools in Bayreuth are using sketchometry on a regular basis in classroom. For enabling this, the school provides a set of tablets for the students in class. A report from these schools offers a look behind the scenes. The teachers work closely together with the sketchometry developer team and give instant feedback on the software.

*Přednáška bude proslovena v anglické jazyce.*

More information on <http://sketchometry.org>.