



# Workshop

## DEVELOPMENT OF DYNAMIC DEMONSTRATIONS WITH MATHEMATICA

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Some years ago, one of the main improvements in Mathematica was the dynamic functionality. Real-time graphics and functions for dynamic variables (`Manipulate...`) meant a breakthrough in the classroom usage of CAS systems. Currently, this technique has been greatly improved. In addition, the so-called CDF ("Computable Document Format") has been introduced. In the workshop, the participants can get acquainted with the elements of dynamic features of Mathematica and they learn how to prepare simple CDF documents.

Colleagues are kindly encouraged to send problems, topics for discussion in the frame of the workshop.

The participants should bring their laptops with Mathematica installed. A 30 days trial version can be downloaded from the website of Wolfram Research.

Planned length: 3-4 hours.