

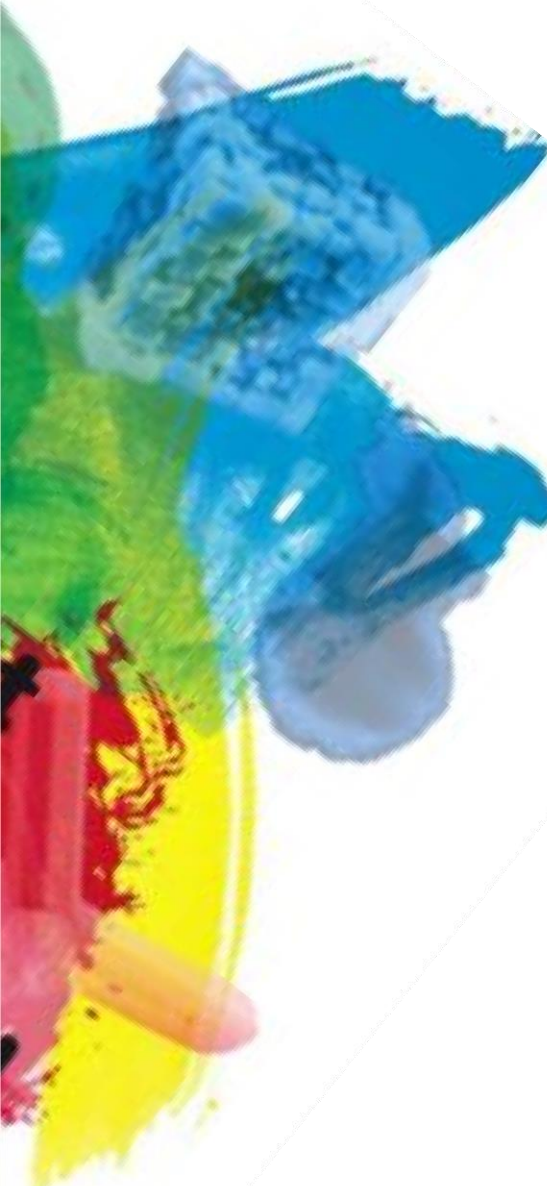


# SEMINAR

Thursday, 27.10.2022, 13.00, Kolar's lecture hall

## The finite-element method in physics and materials science

Asst. Prof. Matej Andrej Komelj



The finite-element method (FEM) is one of the most widely used approaches to numerically simulate properties of various materials. It is often applied at the K7 Department to model, for example, magnetic fields around permanent magnets, or temperature profiles of samples exposed to different heat sources. An illustrative introduction of the method will be presented along with its strengths as well as possible limitations.

**Kindly invited.**