

# INVITATION

## New Technologies – Research Centre

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### **Comments On Work Fluctuation Theorems And Work Computations in Non-Equilibrium Transformations**

by

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This lecture is dedicated to the field of statistical mechanics. It covers introduction to (i) the work fluctuation theorem (also called Jarzynski equality) for non-equilibrium transformations, (ii) consequences of the above theorem and (iii) definitions for work. In the second part of the talk will be presented force-field molecular dynamic simulations proposed to estimate the quantity of work according to its specific definition.

**Date: 9 November 2017**

**Time: 14:00**

**Venue: Building C1 Vědeckotechnický park, Teslova 5B, Pilsen**

This lecture was supported by the project CEDAMNF, reg. no. CZ.02.1.01/0.0/0.0/15\_003/0000358, co-funded by the European Regional Development Fund (ERDF).



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