CURRICULUM VITAE

JAN ENGLER

EDUCATION

B.S.
· Charles University, Faculty of Mathematics and Physics, Prague, Czech Republic B.S. in Mathematical Modelling. Bachelor thesis *Onsager-Machlup principle and machine learning* under doc. Michal Pavelka

SCIENTIFIC ACTIVITIES

Grants
· 10/2024-5/2025 Student faculty grant (principle investigator) *Machine learning and chemical reactions* under doc. Michal Pavelka

Conferences
· 6/2025 IWNET 2025 (10th International Workshop on Non Equilibrium Thermodynamics), talk *Chemical kinetics of Lennard-Jones cluster isomerization using the Onsager–Machlup action*

MISCELLANEOUS

Awards
· 6/2022 first place Student's professional Activities, branch *1. Mathematics and Statistics*, for work *Intuicionistická logika a její modely* (en. *Intuitionistic logic and it's models*)

Special Lectures
Lectures given in the Hodonín city library to the wider public.
· 6/2022 *Paralelní budoucnosti v intuicionistické logice* (en. On Alternate Futures in Intuitionistic Logic)
· 10/2022 *Záhady kvantové fyziky* (en. Mysteries of Quantum Physics)
· 2/2023 *Díry - nejen ty dvourozměrné - v Algebraické topologii* (en. Holes - not only the 2D ones - in algebraic topology)
· 6/2023 *Chaos a řád – život a smrt* (en. Chaos and Order, Life and Death)
· 11/2023 *Život a dílo J. Roberta Oppenheimera* (en. Life and Work of J. Robert Oppenheimer)
· 11/2024 *Strojové učení a co z něho plyne pro běžného člověka* (en. Machine Learning and What it Means for the Commoner.)

Languages
· Czech native
· English C1 (CAE)