Strengths & where we aim higher
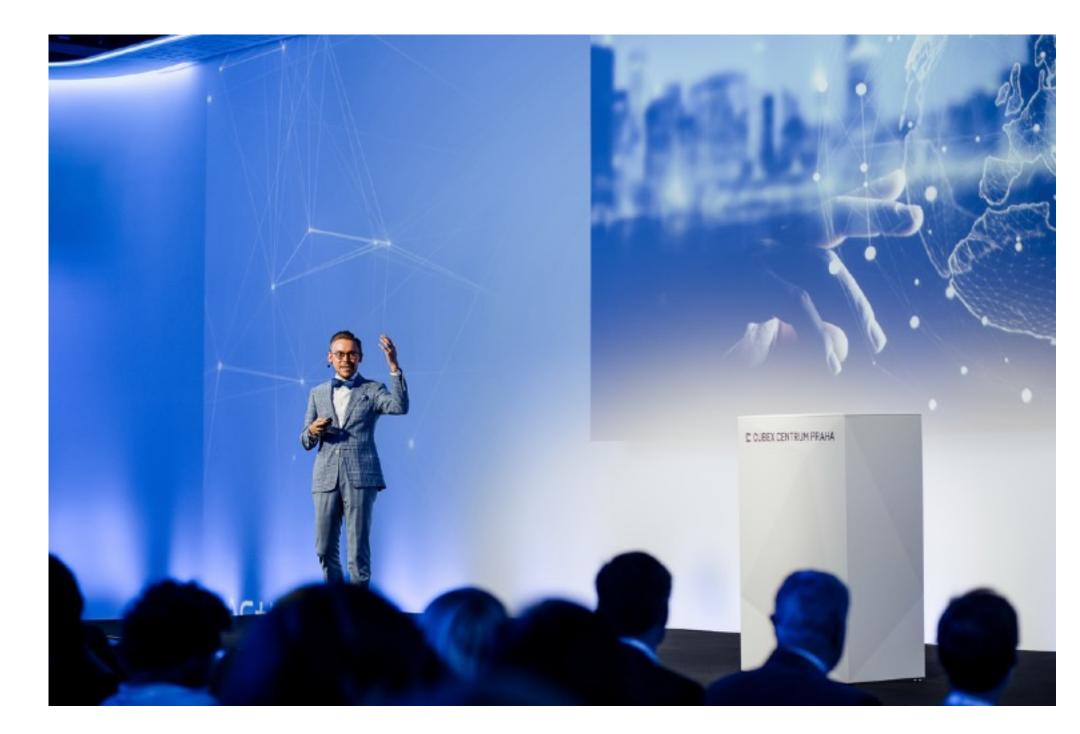
(+) We are small department focused on fundamental research with impact

(+) Clear shift towards quality

(-) Main portion of the funding is from short-term research projects = large fluctuation of part time researchers

(-) problematic long-term strategic planning in terms of stable positions

(+) Strong recognition and service

Future: more interdisciplinary links, expand capacity, knowledge transfer

Looking ahead (3–5 years)

Focus on excellence and outputs in Top journals, attract funds

Methodology: deep reinforcement learning, scalable distributional learning

Applications: financial stability, energy transition risks, macro nowcasting

Engagement: structured partnerships, open tools, top publications

New large bilateral project with Duisburg-Essen 2026-2028 on Energy