CCSE

Center for Computing
in Science Education

Status CCSE Feb 2024

Develop materials and methods

Build educational research group

CCSE Centre for Computing in Science Education

Vision "an international hub for research-based integration of computational methods in education"

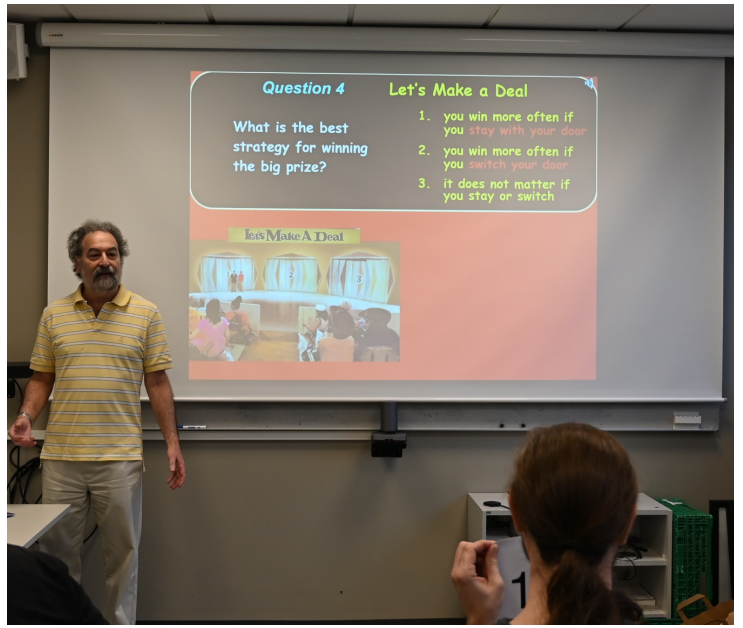
Build culture for teaching and learning

Disseminate nationally and internationally

Activities 2023

CCSE

- Hired Ben Zwickl, Rochester Inst. Tech. (20%)
- Hired Anders Hafreager (20%)
- Incoming Fulbright Fellow: Jerry Feldman
- Incoming sabbatical fellow: Jan-Fredrik Olsen
- To nye meritterte utdannere



Activities 2023

S-ASSESS (NFR FinnUT 2018-2023, 10Mkr)

- 3 yr researcher (2021-2023): Hannah Sabo

DIGIWIND (EU DIGITAL EUROPE 2023-2027, 1.5 Mkr/yr)

ProFAG (DKOM, 1-2Mkr/yr)

- Kurs for lærere

Plans 2024-2026

Main developmental trends

- Interplay between the two centers
- Center leadership of CCSE
- Strategic use of remaining funding – preparing for a post-CCSE transition

- New people / projects
  - Incoming: Jan Fredrik Olsen (2023-2024)
  - Elise Lockwood in adjunct professor position (2024-2026)
  - Jan-Fredrik Olsen, PhD «student» (2023-2026)
  - PhD on AI/LLM in physics education (2024-2026, Odden start package)
  - Postdoc on LLM in science education research (CCSE, 2024-2026)
  - Focus during last three years: AI and LLMs in science education