

CCSE

Center for Computing  
in Science Education



# Status CCSE June 2023

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 2022-2023

## CCSE

- Hired Karl Henrik Fredly (PhD, KD)
- Hired Henning Myhreagen (PhD, DKOMP)
- Incoming Fulbright Fellow: Ben Zwickl



## Workshops/conferences organized

- Quantum computing (November)



# Activities 2022-2023

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

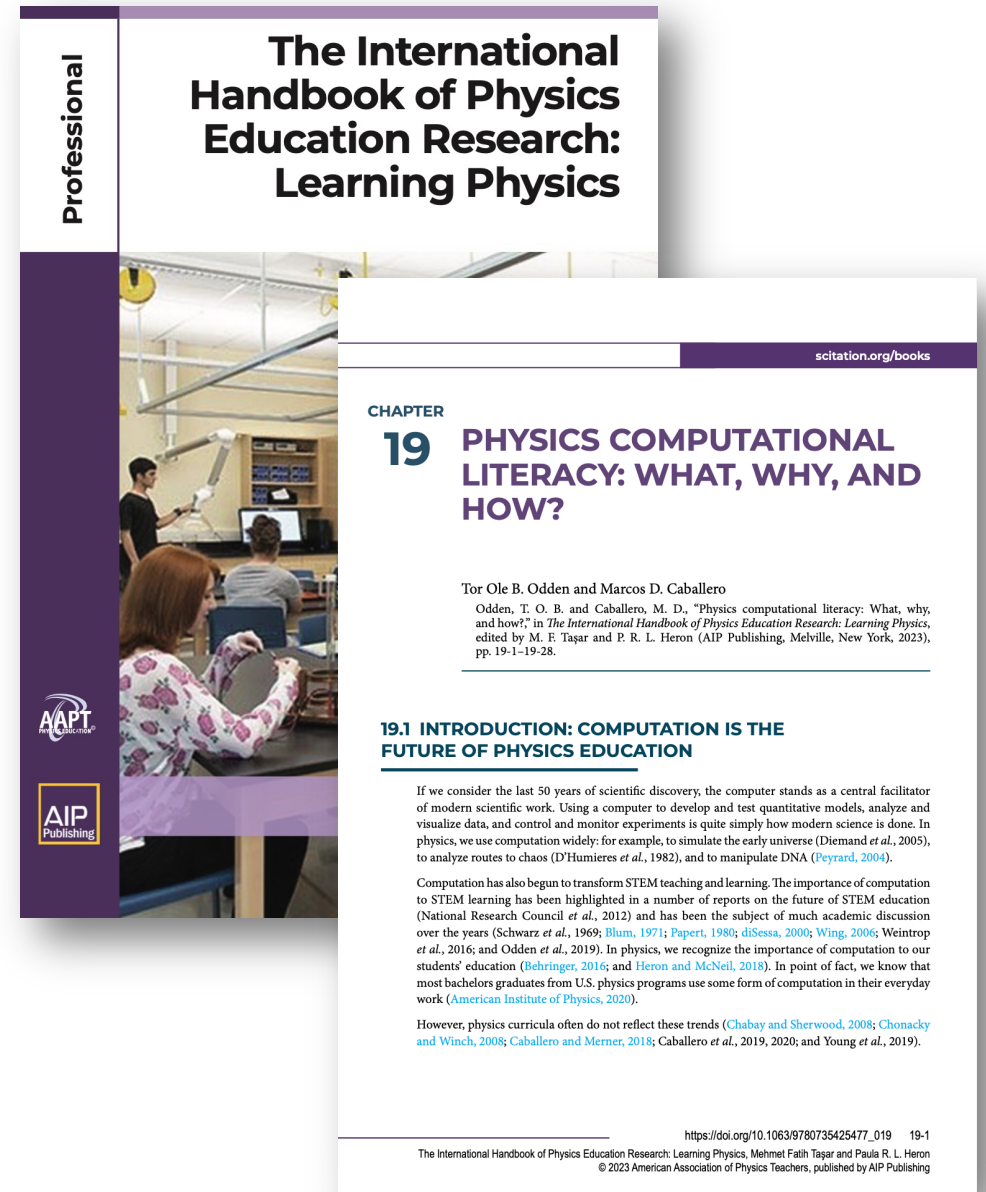
- 3 yr researcher (2021-2023): Hannah Sabo

ProFAG (DKOM, 1-2Mkr/yr)

- Kompetansepakke for lærere (UDIR)

Publications:

- Odden (1. am.) and Cabellero (prof. il):



# Plans 2023-2024

## 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 Fulbright Fellow: Jerry Feldman (2023)
  - Incoming: Jan Fredrik Olsen (2023-2024)
  - Elise Lockwood in adjunct professor position (2024-2026)
  - Jan Fredrik Olsen, PhD «student» (2023-2026)
  - PhD on LLM in physics education (2024-2026)
  - Postdoc on LLM in science education research (2024-2026)
  - Focus during last three years: AI and LLMs in science education