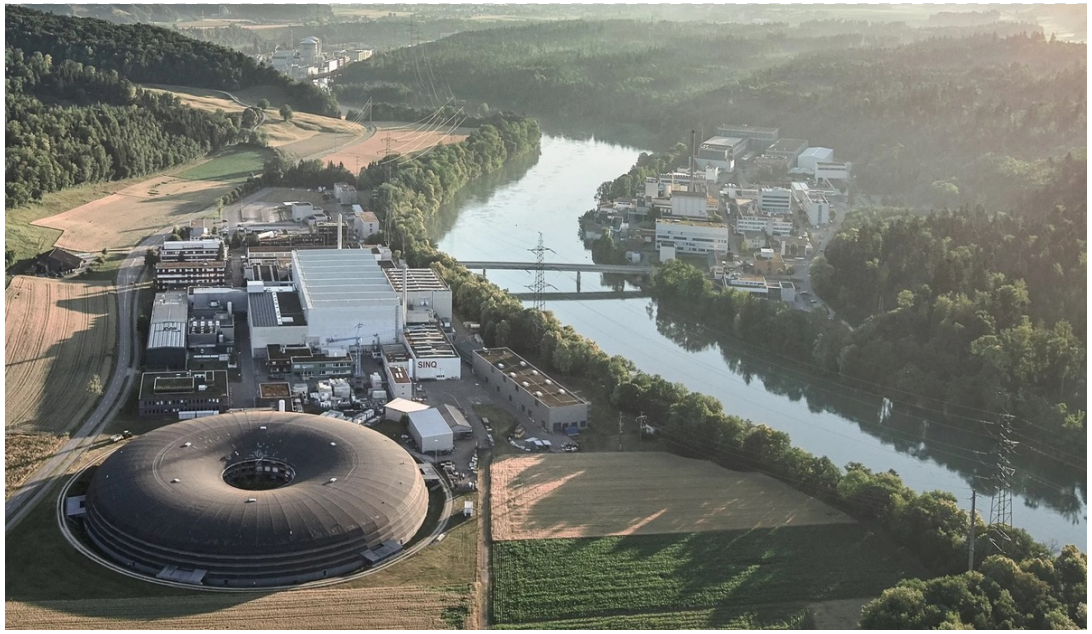
PSI Center for Nuclear Engineering and Sciences



Summary of the 3rd SG16 meeting

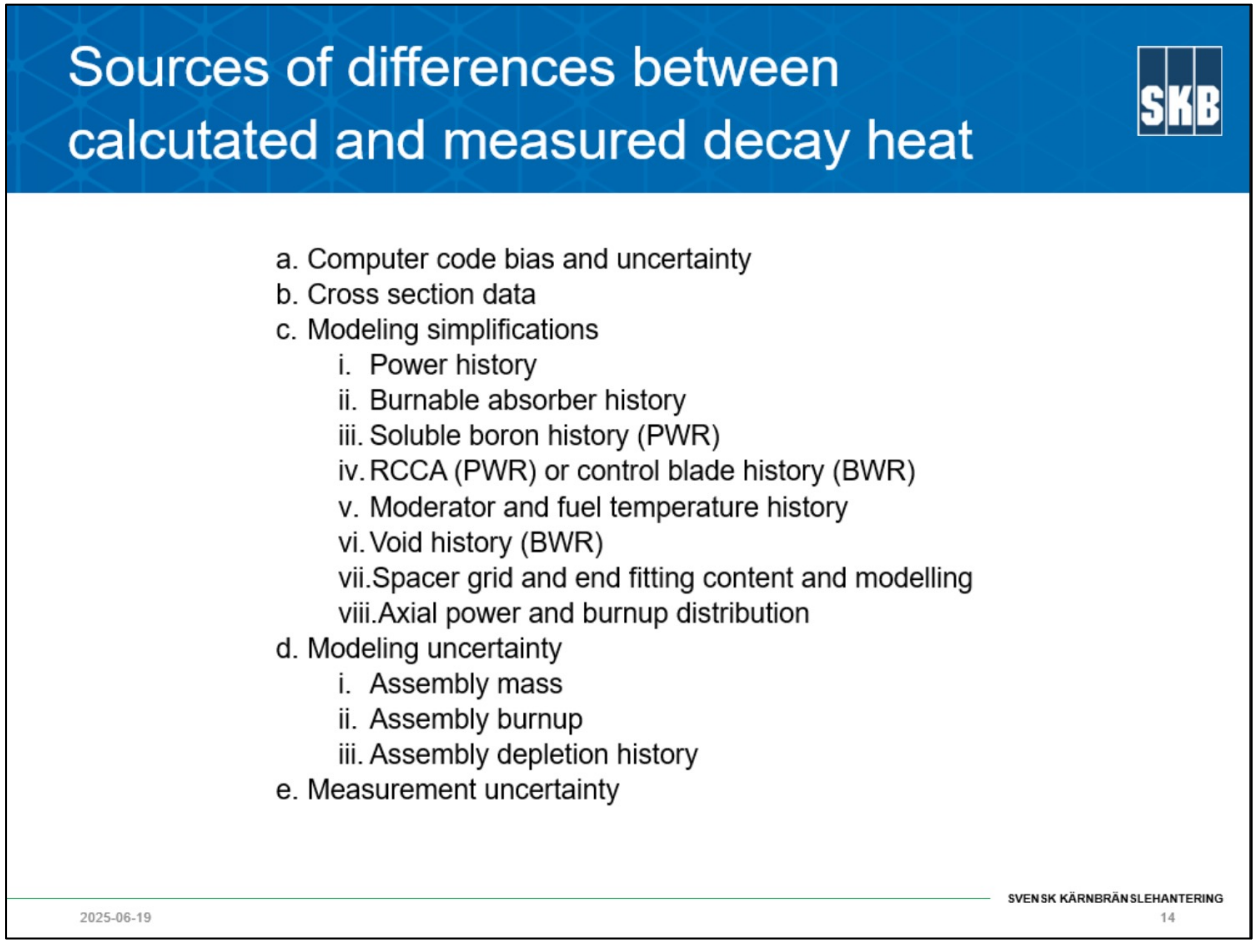
D. Rochman

WPNCS Meeting, June 20th, 2025, OECD NEA, Paris

Summary

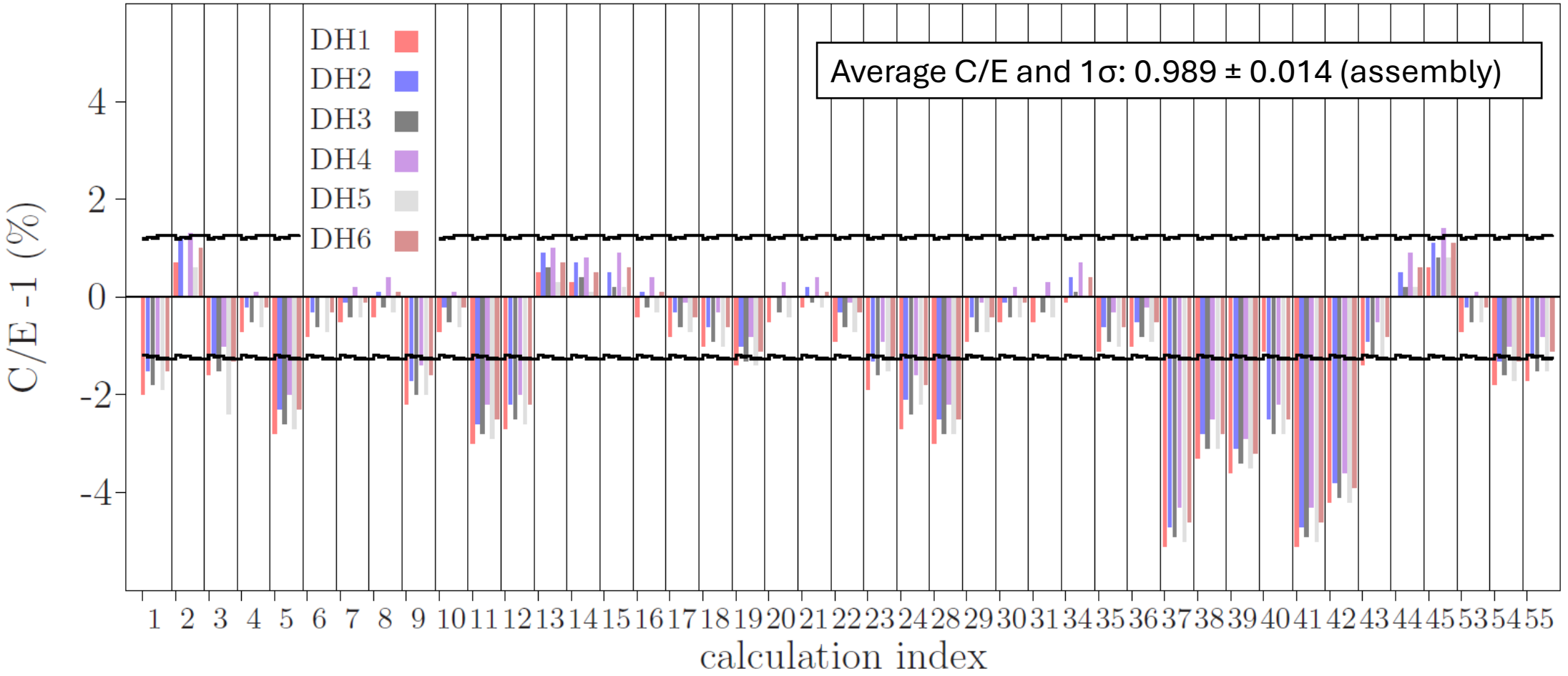
- 4 technical presentations
  - 2 from Fredrich Johansson (detailed 0E2 irradiation history + new EPRI-SKB report)
  - 1 from Sébastien Bonthoux (impact of calculation options on decay heat)
  - 1 from Pedro Ortego (details on Monteburns calculations)

- Main conclusions for decay heat:
  - 2D/3D calculations (axial profile < 1%)
  - Nuclear data library 1-2 %
  - Energy release per fission ~1 %



Summary

- Discussion on the SG16 summary paper: to be submitted this year



Summary

- Discussion on needs for burnup assessment (see presentation for a new SG)

Many thanks

- Questions ?