afcen Congress 2023

International Conference 2023

Rive Montparnasse, 44 boulevard de Vaugirard, 75015 PARIS

Information & registration at www.afcen.com

FEEDBACK FROM USERS

Technical sessions – March 29th, 2023 – 14h00 to 17h00

Objectives of the seminar:

The Design and construction rules for mechanical components of nuclear installations: High Temperature, Research and Fusion reactors "RCC-MRx", developed specially for Sodium Fast Reactors (SFR), Research Reactors (RR) and Fusion Reactors (FR-ITER) can also be used for components of other types of nuclear facilities.

The RCC-MRx 2022 last edition provides the synthesis of four years of developments.

This session will be the opportunity to present an overview of the evolutions of the code, and to highlight some specifics topics of interest and to share ideas for future of the code.

Expected attendees are experts and RCC-MRx users in industry coming from different countries..

First part: RCC-MRx 2022 edition	
14h00	Introduction the session and some figures about the new edition
14h10	New organization of Tome 2, to facilitate material procurements
14h45	New items (RCC-M studies' consequences, chinese standards, NQA-1, …) for a specific application of the code (REC part)
15h15	Highlights on some new Probationary Phase Rules (CuCrZr material, SPT, Volume E, …)
15h35	Improvements of some design rules (cyclic softening, creep/fatigue, R5 consideration, …)
Second part: Future for RCC-MRx	
16h10	Round table, potential new comers and future needs for the RCC-MRx Newcleo, Jimmy, USNC, HEXANA
17h00	Discussion and Wrap-Up