

Workshop on Standardization and qualification activities for innovative nuclear materials CIEMAT. 16th-17th Nov 2023

It is well accepted that time horizons for nuclear materials development and qualification must be shortened to realize future nuclear energy concepts. Qualification of a new material of solution to be used in a nuclear power plant began with the acquisition and gathering of the data which describe the physical and mechanical behavior of the material, necessary to apply the component design rules available in the nuclear design code (RCC-MRx, ASME PVPC, or others).

Within the framework of the <u>INNUMAT HORIZON EURATOM project this workshop will be organized</u> to present and share different initiatives on the qualification of innovative materials as solution, as protective coating, not only applicable to nuclear reactors design and operation (both fission and fusion) but also in other applications as concentrated solar power (CSP) or the automotive industry.

The workshop will be held at <u>CIEMAT, 16th-17th November 2023</u>. The first two sessions will be dedicated to qualification of nuclear materials, including a presentation about EURATOM projects (INNUMAT and NUCOBAM) as well as the CEN WS 064 Phase 4. Session 3 and 4 will be dedicated to synergy action on qualification and standardization within the SNETP, EUROFusion project, concentrated solar Power and automotive industry (ToughSteel project) and new EU proposals. Please register here: https://indico.scc.kit.edu/event/3644/.



WHERE

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