

(Virtual) Technical Meeting on Codes and Standards, Design Engineering and Manufacturing of Components for Small Modular Reactors

Tuesday 10 May 2022 - Friday 13 May 2022

Virtual

Scientific Programme

The event will consist of general sessions and technical sessions. In general sessions, several of IAEA's in-house experts will provide overview of relevant activities within the IAEA, and how they can support the work under this area. Some of the presentations from contributing authors will also be considered under general session. In the technical sessions, all contributions, presentations and discussions will be categorized based on the following topics (this list might differ based on the type and number of submissions):

1. Industrial codes and standards and their applicability to Small Modular Reactors

This topic will include general presentations on codes and standards in nuclear industry and their applicability to SMRs, needs for the adaptation of existing codes and standards, requirement of new standards etc. The presentations could also highlight on how an equivalence can be established.

2. Advanced Manufacturing methods and techniques for components of Small Modular Reactors

This topic will include presentation on advanced manufacturing methods and techniques. These could be novel process or processes already used in some other industries.

3. Design Engineering for Standardization

This topic will include presentation on standardization of the design, construction, manufacturing, arrangements etc. The focus of the presentation should be on enabling a factory build environment for Small Modular Reactors