

Technical Meeting on Nuclear Heating Theory and Data

Contribution ID: 3

Type: **not specified**

NHtd white paper

Tuesday, 19 April 2022 14:00 (45 minutes)

The technical meeting on nuclear heating theory and data; prompt, delayed and decay radiation heat, secondary particle's energy productions and energy balance white paper describes the existent with regards to the field actual cover, capabilities, needs and challenges ahead. Heating is an important parameter in nuclear systems, particularly in uncharted R&D, while secondary radiation sources need to be better characterised, quantified, and qualified when they are required for an application. R&D is needed to support the necessary enhancements, processes, and data forms, foreseen for the multiple energy, non-energy, earth and life sciences applications and provision for high-fidelity Multiphysics simulation efforts.

Primary author: Dr SUBLET, Jean-Christophe (IAEA)

Presenter: Dr SUBLET, Jean-Christophe (IAEA)