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Workshop on Non-Destructive Analysis in the Nuclear Fuel Cycle

Date: 18 September 2024

Location: Instituto de Pesquisas Energéticas e
Nucleares (IPEN)
São Paulo, Brazil

www.astm.org

This one-day workshop will provide an opportunity to learn the latest developments in non-destructive analysis methods for the nuclear fuel cycle and nuclear processing, including methods for uranium, plutonium, and other actinides. NDA reference materials and techniques for unusual geometries and advanced reactor technologies will also be included. It will include opportunity for discussion of technical issues and sharing of information.

WORKSHOP FORMAT

This workshop will be held in a laboratory setting and will consist of a combination of presentations and demonstrations. Papers are not being solicited for this workshop; however, papers on the topical areas listed below are solicited for the Workshop on Developments in Analytical Measurements (please see the call for papers for that workshop).

TOPIC AREAS

The workshop will include presentations and technical discussions in the following topical areas:

1. NDA Reference Materials and Quality Assurance
2. NDA Methods for Uranium and Uranium Materials (in-lab and at-line)
3. NDA Methods for Plutonium and Plutonium Materials (in-lab and at-line)
4. NDA Methods for Other Actinides (in-lab and at-line)
5. NDA Methods supporting alternative fuel cycles (e.g., thorium), advanced reactor technologies, and non-reactor nuclear facilities

FOR MORE INFORMATION

Visit <https://na.eventscloud.com/website/52335/astm-c26-sao-paulo-workshops/> or the contact the workshop chair, Ram Venkataraman (email venkataramar@ornl.gov).