

ASTM INTERNATIONAL
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Short Course on Nuclear Material Measurements

Date: 17 September 2024

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

www.astm.org

This half-day short course will provide an opportunity to learn key aspects of methodologies used for characterizations of nuclear materials.

ABOUT THE SHORT COURSE

This short course will provide an overview of measurement methodologies used for the characterization of nuclear materials, including both destructive and non-destructive techniques. The role of reference materials in nuclear measurements will be discussed.

Student handouts will be provided to those attending the short course.

All short course modules will be presented by experts from ASTM Subcommittees C26.05 (Methods of Test) and C26.10 (Nondestructive Assay).

TOPIC AREAS

The short course will include lectures in each of the following topical areas:

1. Non-Destructive Analysis and Reference Materials/Needs
2. Nuclear Material Destructive Analysis for Material Control and Accountability
3. Updated IAEA International Target Values
4. Working Reference Materials in Nuclear Material Measurements

FOR MORE INFORMATION

Visit <https://na.eventscloud.com/website/52335/astm-c26-sao-paulo-workshops/> or the short course co-chairs:

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