

IAEA Workshop on Innovative Approaches of Accelerator Science and Technology for Sustainable Heritage Management

Monday, June 13, 2022 - Thursday, June 16, 2022

IAEA Headquarters

Topics

The meeting will have invited and contributed oral talks presented in sessions devoted to special topics mentioned below, with subsequent discussions.
A poster session will be organized and panel discussions on specific topics are also planned.

The **key topics** of the workshop are:

Application of accelerator science and technology for characterization and treatment of heritage objects and materials;

Interpretation, presentation and dissemination of the scientific results: case studies and success stories;

Safe analysis of heritage objects; Best practice and Irradiation Passport for Art;

Detecting intellectual property crime as forgeries and fighting illicit trade of art objects with nuclear techniques;

Access to research infrastructure, and international as well as regional collaborations and networks;

Sustainable Heritage Management policies and modalities;

Open Science and dissemination of knowledge;

Research priorities, Resources, and funding structures for heritage science;

How to make science tangible? - Public awareness of how science and heritage work together in a tangible way - novel methods in education and outreach.

Track 1: Application of accelerator science and technology

Topics covered:

Characterization of heritage objects and materials

Treatment of heritage objects and materials

Track 2: Interpretation, presentation and dissemination of the scientific results

Topics covered:

Case studies

Success stories

Track 3: Safe analysis of heritage objects

Topics covered:

Best practice

Irradiation Passport for Art

Track 4: Detecting intellectual property crime as forgeries and fighting illicit trade of art objects with nuclear techniques

Track 5: Acces to research infrastructure, and international as well as regional collaborations and networks

Track 6: Sustainable Heritage Management policies and modalities

Track 7: Open Science and dissemination of knowledge

Track 8: Research priorities, Resources, and funding structures for heritage science

Track 9: How to make science tangible?

Topic covered:

Public awareness of how science and heritage work together in a tangible way

Novel methods in education and outreach