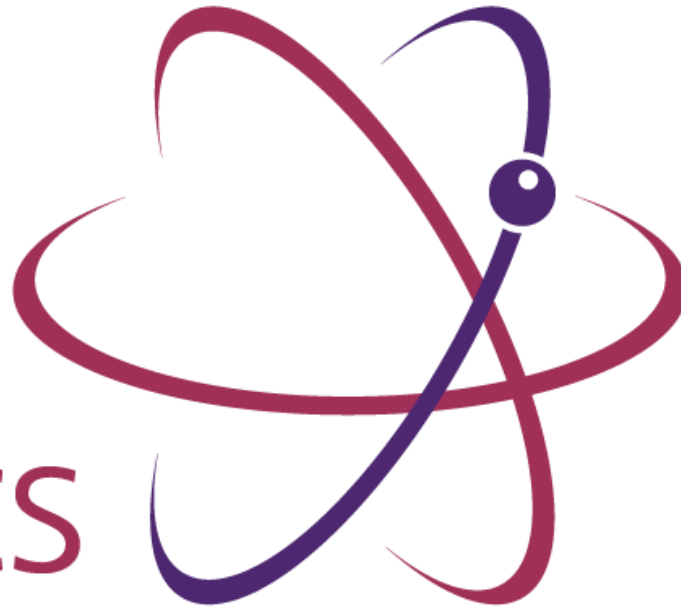


OFFICIAL

NuFor Nuclear Forensics



10th – 11th July 2019

University of Bristol, Bristol, UK

With the Institute of Physics & AWE

IOP Institute of Physics



University of
BRISTOL

NuFor Conference

- Nuclear Forensics (NuFor) is a two day conference that will explore challenges, share developments and promote achievements in the field of nuclear forensics.
- NuFor will bring together expertise and influencers from across academia, industry and government, many for the first time.
- The conference aims to act as a:
 - Showcase for the potential career pathways into nuclear forensics
 - Demonstration forum for the application of fundamental science
 - Networking space for technical specialists

Technical Programme

Session	Subtopics
Materials & Processing	Chemical impurities & speciation, Physical properties of materials, Material ageing effects (empirical), Process development/optimisation, Effects of process parameters on product, Process & flowsheet modelling
Radiochemistry	Radiological Analysis, Analytical radiochemistry, Age dating, Radioisotope fingerprinting
Analytical Techniques	Method/Capability development, New techniques, Sub-sampling & sample preparation, Comparative analysis
Environmental Science	Environmental sampling, Geolocation, In-situ analysis, Collection
Data Analysis & Statistics	Data analysis, Treatment of uncertainties, Software/Tool/Capability development, Assessment methodologies/Decision science
Modelling & Simulation	Spent Fuel/Reactor modelling, Enrichment modelling, Material ageing effects (simulation)

Get Involved

NuFor is looking for technical expertise to get involved with:

- Presentations for NuFor
 - Content as part of the technical programme and our planned panel discussions
- Keynote Speakers
 - NuFor is interested in applications for Keynote Speakers at the conference
- Delegates
 - NuFor is open to everyone with an interest in Nuclear Forensics

Call for Abstracts

- Deadline for submission: **19th April 2019**
- Abstracts should be no more than **300 words** (including references), with no more than two associated images
- Each submission will be asked to choose a topic area **keyword** that the work sits under.

NuFor is an international facing conference and
your papers are very welcome

NuFor – Nuclear Forensics

10–11 July 2019, University of Bristol, Bristol, UK

[Home](#)[Abstracts ▾](#)[Register](#)[Programme ▾](#)[Location ▾](#)[Accommodation ▾](#)[Exhibition ▾](#)[Sponsorship ▾](#)[Contacts ▾](#)

Welcome

Nuclear Forensics is an essential component of the national nuclear security infrastructure which helps to address the threat of nuclear material found out of regulatory control. Interdisciplinary in nature, Nuclear Forensics draws upon analytical techniques and interpretation of distinguishing characteristics of nuclear and radioactive materials to understand its origin and intending authorised use.

Nuclear Forensics (NuFor) is a new 2-day technical conference being held in July 2019. The conference will bring together expertise and influencers from across academia, industry and government to explore challenges, share developments and promote successes in the field of nuclear forensics. The conference will consist of keynote speakers, technical sessions and a poster session.

The objectives for NuFor are:

- Enhance the UK skill base and career pathways in Nuclear Forensics
- Discuss the technical challenges in the field
- Demonstrate the applications of fundamental science in Nuclear Forensics
- Provide a networking opportunity for technical specialists across different disciplines
- Showcase research and new advances across academia and industry

[#IOPnufor2019](#)

Key dates

Abstract submission deadline:

22 March 2019

Early registration deadline:

29 May 2019

Registration deadline:

28 June 2019

Organised by the [IOP Materials and Characterisation Group](#)

IOP Institute of Physics
Materials and
Characterisation Group

Our Website: <http://nufor2019.iopconfs.org>

NuFor
Nuclear
Forensics



When: 10 – 11th July 2019

Where: University of Bristol, UK

More information:

<http://nufor2019.iopconfs.org>