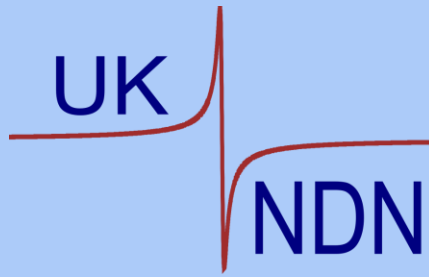




UK Atomic
Energy
Authority



MANCHESTER
1824

The University of Manchester

FISPACT-II workshop

on simulating nuclear transmutation, activation, and damage

Where:

The University of Manchester

When: 23-25 October 2019

(from midday on the 23rd to midday on the 25th)

UKAEA in partnership with the UK Nuclear Data Network is pleased to announce the first UK-based training workshop for the FISPACT-II inventory code. <http://fispact.ukaea.uk>

There is no cost for this workshop but spaces are limited so you are advised to book your place early.

Please contact emma.palmer@ukaea.uk to request a registration form and for further details.

FISPACT-II

Burnup, Depletion, Inventory, Activation, Transmutation

$$\frac{dN_i}{dt} = -N_i(\lambda_i + \sigma_i\phi) + \sum_{j \neq i} N_j(\lambda_j + \sigma_j\phi)$$

UK Atomic Energy Authority

This 2-day workshop is an opportunity for academics, students, and industry professionals to gain hands-on experience of using the internationally recognized FISPACT-II platform.

The course will feature a mixture of seminars and extensive tutorial sessions, where participants will learn how this powerful tool can be applied to predict material activation, transmutation/burn-up, heating and damage rates, etc., in a wide range of nuclear applications.