



11 – 15 March 2019

OECD/NEA Data Bank, Boulogne-Billancourt (Paris), France

**SCALE/ORIGEN Standalone Fuel Depletion, Activation, and Source Term Analysis Course
(2000 EUR)**

This is a hands-on class that covers the use of ORIGEN for isotopic depletion, decay, decay heat, and radiation source-terms calculations. The course features the use of the Fulcrum consolidated SCALE graphical interface and its' plotting capabilities for displaying nuclear data and results. Participants will learn about ORIGEN's capabilities and nuclear data, how to generate ORIGEN libraries, and how to use ORIGEN for activation, spent fuel, and nuclear safeguards applications. This class introduces the ORIGAMI tool for convenient characterization of spent nuclear fuel with radially and axially varying burnup. Advanced applications including simulation of chemical processing, continuous feed and removal are also covered.

No prior knowledge of SCALE is required.