



Oak Ridge National Laboratory
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SUBJECT: Report on Foreign Travel to **Paris, France**
DATE: 7/27/2023
TO: Dr. Angela Chambers, Nuclear Criticality Safety Program Manager, National Nuclear Security Administration / NA-ESH-21
FROM: Oak Ridge National Laboratory, Nuclear Data Group

MEETING TITLE: Working Party on International Nuclear Data Evaluation Co-operation (WPEC)

MEETING LOCATION: Nuclear Energy Agency (NEA) Headquarters, Paris, France

MEETING DATES: May 15, 2023 – May 17, 2023

ATTENDEES ON BEHALF OF NCSP: [Only 1 report from the institution for ALL attendees]

Jesse Brown, Chris Chapman, Jordan McDonnell, Marco Pigni, Kemal Ramic [all attended in person]
Doro Wiarda [attended remotely]

MEETING PURPOSE:

The state of the art in nuclear data evaluation, processing, and validation will be discussed with experts. ORNL participation in this workshop is valuable in order to contribute to and learn from these international efforts.

MEETING BENEFITS TO THE NCSP:

This trip is to attend a meeting of the Working Party on International Nuclear Data Evaluation Co-operation (WPEC). WPEC was established to promote the exchange of information on nuclear data evaluations, measurements, and validation. ORNL researchers take part in each aspect of the nuclear data “pipeline” represented at WPEC, and it is valuable to engage with international collaborators to advance the state of the art.

PURPOSE OF TRAVEL [Provide a detailed purpose of the travel]:

The purpose of this travel was to participate in the activities of the WPEC meeting. Several subgroups convened, and ORNL travelers presented in the Expert Group on the Generalized Nuclear Data Structure, in the subgroup for thermal neutron scattering, as well as proposed a new subgroup for improving evaluation methodology in the unresolved resonance region.

Persons Contacted on your trip [If applicable, provide a list of everyone you met with during the trip.]:



All attendees of the WPEC meeting.

Presentations, Chair Responsibilities, Etc.:

[Please list all applicable to your trip. If possible, include the agenda and highlight presentations given by attendees, sessions chaired, etc.]

The presentations given are as follows:

Jesse Brown: "SG 51 Proposal: Unresolved Evaluations" (in collaboration with Vladimir Sobes)

Chris Chapman: Protecting Against Potential Issues in Thermal Neutron Scattering

Jordan McDonnell: "GNDS in AMPX"

Kemal Ramic: ORNL's continuing efforts in evaluating and validating TSLs

Distribution:

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