

**RENSSELAER POLYTECHNIC INSTITUTE
GAERTTNER LINAC CENTER
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**RPI
FOREIGN TRIP REPORT
WPEC20140724**

DATE: July 24, 2014
SUBJECT: Report of Foreign Travel to Paris France – Yaron Danon, RPI.
TO: Jerry N. McKamy, Director, Office of Environment, Safety, and Health, National Nuclear Security Administration / NA-00-10/GTN, 1000 Independence Ave., SW, Washington, DC 20585-1290
FROM: Yaron Danon

MEETING TITLE: 26th Meeting Working Party on International Nuclear Data Evaluation Cooperation

MEETING LOCATION: NEA Headquarters, Issy-les-Moulineaux, France

MEETING DATES: May 15-16, 2014

ATTENDEES ON BEHALF OF NCSP: Yaron Danon

MEETING BENEFITS TO NCSP:

The meeting is an international collaboration on nuclear data. Y. Danon is an official member of the US delegation and chair of the CSEWG measurements committee. Danon presented progress a report on the US ND measurement program including NCSP sponsored work. He also participated in subgroup C (High Priority List) which is similar to NCSP appendix D (more in the report). This venue provides information on the latest ND experiments that are ongoing and planned worldwide and enables interacts with leading researchers from other countries. It enables collaboration and allows better planning of NCSP ND experiments and in some cases access to data that was obtained elsewhere.

MEETING PURPOSE:

The main purpose of the travel is to participate in the WPEC meeting as an official member of the US delegation and to present a report on US experimental ND work during FY13-14. Another purpose was to attend subgroup C meeting (the participant is a member of this subgroup) for a discussion on the high priority list.

SITES VISITED:

NEA Headquarters, Issy-les-Moulineaux, France

ABSTRACT:

The traveler participated in the WPEC meeting in NEA Headquarters, Issy-les-Moulineaux, France. The participant is an official member of the US delegation representing CSEWG measurement committed. The participant presented a report on US measurement activity during FY13-14 mostly based on reports provided during the November 2014 CSEWG meeting. He also a member of subgroup C (high priority list) and participated in the subgroup meeting, an opportunity for interaction of NCSP with subgroup C is discussed in the report

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REPORT OF FOREIGN TRAVEL

**Yaron Danon
NEA Headquarters, Issy-les-Moulineaux, France
May 15-16, 2014**

PURPOSE OF TRAVEL

The purpose of the travel is to participate in the WPEC meeting as an official member of the US delegation and to present a report on US experimental ND work during FY13-14 and also to participate in subgroup C meeting.

REPORT

The measurement committee report was given on Thursday and included reports on experimental activity in different us laboratory with the following topics:

Reports from different laboratories include the following:

1. Nuclear Data Experiments at LANSCE: Highlights 2013, (LANL)
2. Recent ORNL Measurements, (ORNL)
3. Recent Nuclear Data Research at RPI, (RPI)
4. NIST Measurements and Standards including Related Work at Other Facilities, (NIST)
5. Recent EGAF Thermal Neutron Cross Section Measurements (LBNL)
6. Possibilities for nTOF at BNL, (BNL)

Overall 105 slides were provides to the participants which includes details of the activities in the different laboratories.

Dr. Danon also a member of subgroup C - the high priority list. The High Priority List (HPRL) contains entries labeled H for high priority and others G for general. Researches in Europe use it in proposal as a justification of evaluation or experimental work. Currently there are 36 entries (G+H) on the list.

The discussion included:

- Making sure the list remains current and relevant
- Document the progress related to each items by contacting evaluators and experimentalist known to work on these topics. To make sure the requests get feedback from the community
- DANON was assigned to gather the information in the US, first results by October 15.

Action item: NCSP should discuss if some of the maptrials the appendix D (the list of NCSP priority materials) should be converted to a HPRL requests. This requires detailed sensitivity analysis (from the users) as part of the justification to be added to the list. The benefit to NCSP is the possibility that the request will be addressed elsewhere with no cost to NCSP. This can be discussed in the next NDAG meeting.

Meeting participants

Mark CHADWICK	ENDF / SG40-CIELO
Yaron DANON	ENDF
Mike DUNN	ENDF / SG28
Mike HERMAN	ENDF
Albert (Skip) KAHLER	ENDF
Ulrich FISCHER	JEFF
Robert JACQMIN	JEFF / SG27
Arjan KONINGJEFF	(/ TENDL by invitation)
Arjan PLOMPEN	JEFF / SG C
Tokio FUKAHORI	JENDL / WPEC Chair
Hideo HARADA	JENDL / SG31
Masayuki IGASHIRA	JENDL (excused)
Osamu IWAMOTO	JENDL
Kenji YOKOYAMA	JENDL
Tengiz GOLASHVILI	ROSFOND/BROND (excused)
Eugenia SUKHINO-KHOMENKO	ROSFOND/BROND (on behalf of Viktor IGNATIEV)
Anatoly IGNATYUK	ROSFOND/BROND (excused)
Valentin SINITSA	ROSFOND/BROND
Zhigang GE	CENDL (by invitation)
Xichao RUAN	CENDL (by invitation)
Robin FORREST	IAEA (by agreement)
Subgroup coordinators	
Cyrille DE SAINT JEAN	SG34 / JEFF
Dennis MCNABB	SG38 / ENDF
Robert MILLS	SG37 / JEFF
Giuseppe PALMIOTTI	SG39 / ENDF
Arjan PLOMPEN	SG36 / JEFF (on behalf of Peter SCHILLEBEECKX)

Emmeric DUPONT NEA

Itinerary

5/13/14 - 10/14/14	Travel from Albany, NY to Paris, France
5/14/14	Subgroup C meeting
5/15/14 - 5/16/14	WPEC Meeting in NEA
5/17/14	Travel from Paris, France to Albany, NY

DISTRIBUTION

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