### Organisation for Economic Co-operation and Development Nuclear Energy Agency WPEC 2017 Meetings

# Agenda

# Code infrastructure to support a modern general nuclear database (GND) structure

## **SG-43**

#### **OECD Headquarters, Conference Center**

2 Rue André Pascal, Paris 75016, France

**Please note:** Only registered participants with a valid ID card or passport will be allowed access to OECD premises.

# **Tuesday, May 16, 2017** 13:30 – 18:00

#### Room E

|               | Room E   |                |  |
|---------------|--|----------------|--|
| 13:30 – 13:45 | Introduction   | Fausto Malvagi |  |
|               | o Brief overview proposed scope of SG43                                    |                |  |
| 13:45 – 14:30 | Guidelines for conducting SG43 Business                                    | Jeremy Conlin  |  |
|               | o Introduction to the SG43 collaboration space                             |                |  |
|               | o Procedure for dispute resolution   |                |  |
|               | o Teleconferences and work assignments                                     |                |  |
| 14:30 – 15:30 | Goals and Deliverables   | Caleb Mattoon  |  |
|               | i. Define an API for reading GND data                                      |                |  |
|               | ii. Create reference implementation of API with tests                      |                |  |
|               | iii. Define API for writing GND data                                       |                |  |
|               | iv. Tools for format verification  |                |  |
|               | v. Define standard list of physics tests                                   |                |  |
| 15:30 – 16:00 | Coffee Break   |                |  |
| 16:00 – 17:00 | Current status of access routines in processing codes (15-20 minutes each) |                |  |
|               | o AMPX (D. Wiarda)   |                |  |
|               | o GIDI (B. Beck)   |                |  |
|               | o NJOY (A. McCartney/J. Conlin)  |                |  |
| 17:00 – 17:30 | Status of Format Verification and Physics Checking Tools                   | Caleb Mattoon  |  |
| 17:30 – 18:00 | Final Discussion   | Jeremy Conlin  |  |
|               | o Goals for the first year   |                |  |
|               | o Goals for the first year   |                |  |

#### Participants in SG-43 Meeting (May 10, 2017)

| 1    | SG-43 Participants Bret |           |               |
|------|-------------------------|-----------|---------------|
| -    | Bret                    |           |               |
|      |                         | BECK      | UNITED STATES |
| 2 I  | David                   | BROWN     | UNITED STATES |
| 3 (  | Oscar                   | CABELLOS  | FRANCE        |
| 4    | Jeremy Lloyd            | CONLIN    | UNITED STATES |
| 5 7  | Zhigang                 | GE        | CHINA         |
| 6 '  | Wim                     | HAECK     | FRANCE        |
| 7 I  | Michal Wladyslaw        | HERMAN    | UNITED STATES |
| 8 (  | Cedric                  | JOUANNE   | FRANCE        |
| 9 I  | Luiz Carlos             | LEAL      | FRANCE        |
| 10 I | Ping                    | LIU       | CHINA         |
| 11   | Fausto                  | MALVAGI   | FRANCE        |
| 12   | Caleb                   | MATTOON   | UNITED STATES |
| 13 I | Dennis P.               | MCNABB    | UNITED STATES |
| 14 l | Evgeny                  | ROZHIKHIN | RUSSIA        |
| 15 I | Kenichi                 | TADA      | JAPAN         |
| 16 I | Patrick                 | TALOU     | UNITED STATES |
| 17 I | lan                     | THOMPSON  | UNITED STATES |
| 18 I | Morgan C.               | WHITE     | UNITED STATES |
| 19 l | Dorothea                | WIARDA    | UNITED STATES |
| 20   |                         |           |               |
| 21   |                         |           |               |
| 22   |                         |           |               |
| 23   |                         |           |               |
| 24   |                         |           |               |