

Agenda for the next meeting of WPEC Subgroup #38 (on creating a modern nuclear database structure). The meeting will be held at the NEA Databank on Tuesday May 21 (commencing at 09:00) and on the morning of Wednesday May 22.

In the agenda below, the work of SG38 is divided into different projects, each of which focuses on one goal. The leads for each session should use their time to define how the work will be completed, and discuss any special challenges or needs relevant to their section. By discussing each section in open forum we hope that all needs can be addressed.

Day 1, 09:00

Introduction (1 hour)

Welcome - E. Dupont (15 minutes)

Review of the Requirements Document (drafted at the last meeting),
and discussion of the path forward – D. McNabb (45 minutes)

Task 1: Designing low-level data containers for the new structure (2 hours)

Perspective from M. White (20 minutes)

Perspective from V. Zerkin (20 minutes)

Discussion

Lunch, 12:00 - 14:00

Task 2: Designing high-level hierarchy for nuclear reaction data (2 hours)

Perspective from A. Koning (20 minutes)

Perspective from D. Brown (20 minutes)

Perspective from S. Badikov (15 minutes)

Discussion

Task 3: Designing an API for reading/writing new data (1 hour)

Perspective from B. Beck (15 minutes)

Perspective from W. Haeck (15 minutes)

Discussion

Task 4: Testing and Quality Assurance needs (1 hour)

Perspective from M. Dunn (15 minutes)

Perspective from J.C. Sublet (15 minutes)

Discussion

Day 2, 09:00

Task 5: Designing structure for storing particles, levels and decay data (2 hours)

Perspective from C. Mattoon (20 minutes)

Perspective from A. Koning (20 minutes)

Discussion

Task 6: Infrastructure needs: plotting, processing, comparing and using data (1 hour)

Perspective from V. Sinitsa (15 minutes)

Perspective from B. Beck (15 minutes)

Perspective from V. Shmakov (15 minutes)

Discussion

Task 7: Ensuring good documentation of codes and evaluations

Perspective from E. Dupont (15 minutes)

Discussion

Summary:

Concluding comments, and the importance of beta-testing - D. McNabb (15 minutes)

12:30, Conclude