Consultants' Meeting on
**"R-matrix Codes for Charged-particle Induced Reactions
in the Resolved Resonance Region"**

IAEA, Vienna, Austria
7-9 December 2015
Meeting Room VIC A0534

AGENDA

Monday, 7 December

08:30 – 09:30   **Registration (IAEA Registration Desk, Gate 1)**
09:30 – 10:00   **Opening Session**
                               Welcoming address (Arjan Koning, NDS Section Head)
                               Administrative matters
                               Election of Chairman and Rapporteur
                               Adoption of the Agenda

10:00 – 17:30   **Presentations by participants**

                               1)   Motivation for IAEA meeting (P. Dimitriou, R. Capote, IAEA)
                               2)   R-matrix analyses of multichannel reaction data with EDA (M. Paris)
                               3)   AZURE2: An R-matrix code for Nuclear Astrophysics (R. deBoer)
                               4)   Present status of R-matrix code AMUR and analyses for ^{8}Be and ^{17}O systems (S. Kunieda)
                               5)   Widening the scope of R-matrix methods (I. Thompson)
                               6)   R-matrix fits for p+ 27Al using SAMMY (P. Dimitriou)

                                                                          Coffee break(s) as needed

       (12:30 – 14:00 Lunch break)

19:00 Dinner at a local restaurant

Tuesday, 8 December

09:00 – 17:30   **Round Table Discussion**

                               -    *R-matrix fits inter-change*
                               -    *R-matrix code comparison*
                               -    *Discussion of 28Si system*
                               -    *Evaluation methodology*
                               -    *Charged-particle data in ENDF-6 format*
                               -    *How to proceed*

                                                                          Coffee break(s) as needed
       (12:30 – 14:00 Lunch break)

Wednesday, 9 December

09:00 – 13:00   **Drafting of the Summary Report**
                               Closing of the Meeting

                                                                          Coffee break as needed