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MINISTERIO DE CIENCIA E INNOVACIÓN

Ciemat

Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas

ANDES_2010/06/22_V1

DIVISIÓN DE FISIÓN NUCLEAR

MINUTES of the ANDES Kick off Meeting

June 17th & 18th 2010.

	NAME	SIGN	DATE
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1 Introduction

The Kick off Meeting of the ANDES Project took place the 17th & 18th June in the headquarter of CIEMAT, Madrid. The meeting started with the review of the Agenda by Enrique González (Annex 1). The list of participants is included in Annex 2. All institutions were present except JRC, UU and UBucarest that excused their participation (A. Plompen [JRC], S. Pomp [UU] and M. Sin [UB]).

The main objective of the meeting was to outline the project goals as well as the individual roles and responsibilities of team members, clarify the expectations of all parties and create a commitment by all those who influence the project's outcome.

The meeting could be remotely followed by EVO, a JAVA application, which permit the interactive group communication. The system is equivalent to online webcasting, but with the possibility for remote participants to speak-up their comments.

All the sessions had been recorded and are available from the ANDES webpage (http://fachp.ciemat.es/andes/ciemat20100617/ANDES_KO_EVO_sessions.html).

2 Development of the Meeting

The meeting was developed according to the Agenda, but completing all the presentations in the Thursday morning session.

All the presentations can be found in the ANDES webpage, by following the links of the agenda (<http://fachp.ciemat.es/andes/ciemat20100617/agenda.html>).

The special aspects to remark are:

Mr. Garbil explained the general features of the project and the rules and procedures applicable to the contract. In particular he indicated that only CEA and CIEMAT will have to prepare certificates on financial statements (CFS) for this project. Then he commented that any difficulty or delay in development of the activities has to be communicated to the Coordinator or the EC officer (himself) as soon as it is foreseen in order to allow preventive or palliative actions for minimizing the negative impact on the project. Finally he recommended to establish good contacts with related EURATOM projects, and particularly with the ADRIANA project devoted to setup a network of research infrastructures in support to the development of the European Industrial Initiative for sustainable nuclear fission (ESNII). Additional information on ADRIANA, provided by Mr. Garbil, can be found in the ANDES webpages for the Kick-off meeting: (<http://fachp.ciemat.es/andes/ciemat20100617>).

In general all tasks are in excellent shape and do not anticipate difficulties. On the contrary several task are already well advanced, even in the experimental activities, respect to the contract schedule. However some possible difficulties, requiring careful supervision, were identified during the presentations. In particular:

- There is still no ^{237}Np target for the measurement of $^{238}\text{Pu}(n,f)$ via $^{237}\text{Np}(^3\text{He},pf)$ presented by G. Rudolf.
- Some of the measurements for task 1.4, particularly those involving the TAS might be delayed by 10 months, however this is compensated by even larger anticipation of other measurements in the same task (with BELEN-20 neutron detectors), as explained by H. Penttilä.

- The timing of execution of task 2.2, presented by A. Koning, is critical for the rest of the project and must be carefully monitored.
- S. Leray informed that the group of CEA Saclay will have to reduce their participation in task 4.2. After discussions with other partners, CEA will propose a possible replacement either by other CEA groups or by other partners. In the second case, the corresponding reassignment of resources and EU financial contribution will be proposed to the Governing Board.
- There might be significant delays on some radiochemical analysis of MEGAPIE samples, of task 4.5 presented by D. Shumann, because the complex scheduling of the involved Hot-labs. This could generate some difficulties in the global interpretation of the PIE analysis of MEGAPIE.

Despite these risks there are not changes adopted in the planning of the Work Packages at the time of the kick-off meeting.

No comments or amendments were proposed to the Consortium Agreement (consultation during June 18th lunch).

3 Actions list

- I) In order to complete the Consortium Agreement, ULG will sign and send to the coordinator, the 21 originals of their signature page, within one week after the meeting.
- II) All partners, that have not done yet, will send the Grant Agreement Form A originals (the ones prepared by the EU not the draft generic Form A) to the coordinator within 2 weeks after the meeting.
- III) During the first week of July, every partner should identify the person who will represents their Organisation in the ANDES Governing Board and send the following data to the Coordinator:
 - Family name
 - First name
 - Title
 - Position in the organisation
 - Department/Faculty/Institute/Laboratory name
 - Complete Address
 - Phone number
 - Fax number
 - E-mail
- IV) Within two weeks, the Project Coordinator will request to the partners their bank account information to proceed to the payment of the corresponding amount for each organization, upon reception of the EU advancement.
- V) Within two weeks partners should inform of incompatibilities with the 2-years meeting agenda agreed in the kick-off meeting and described in the next section. Incompatibilities should only be reported for people/organizations that must participate in the meeting of concern. Note that some meetings are schedule as teleconferences, and that for the physical meetings some participants might use EVO for the follow-up of the meeting.

4 Meeting planning

A draft of dates for meetings for the next two years has been advanced:

Dates	Type of meeting	Required Participants	Location
2010/09/03	Trimester meeting	Executive Committee	Teleconference
2010/11/19	Semester meeting	Executive Committee + Some task leaders	Proposal: Paris
2011/02/08	Trimester meeting	Executive Committee	Teleconference
2011/05/23 to 2011/05/24	Annual Meeting	Executive Committee + Most task leaders. At least one person per institution at the meeting place. End-Users Group	
2011/11/18	Semester meeting	Executive Committee + Some task leaders	
2012/05/10 to 2012/05/11	Annual Meeting	Executive Committee + Most task leaders. At least one person per institution at the meeting place. End-Users Group	

ANNEX 1

AGENDA OF THE MEETING

Thursday, June 17th 14:30h.

- 14:30 15:00 Welcome, Introduction and review of basic project data and Grant Agreement status (E. Gonzalez)
- 15:00 15:30 Messages from the EU + administrative procedures (R. Garbil)
- 15:30 15:45 Coffee break
- 15:45 Review of activities at the level of tasks
- 15:45 17:00 WP1: Measurements for advanced reactor systems
Introduction. A. Plompen (E. Gonzalez)
Task 1.1. High accuracy measurements of neutron inelastic scattering cross sections. A. Negret
Task 1.2. High accuracy measurements of neutron capture cross sections. D. Cano-Ott
Task 1.3. High accuracy measurements for fission. G. Rudolf
Task 1.4 High accuracy fission product decay data measurements for reactor kinetics and decay heat calculations. H Penttilä
- 17:00 18:00 WP2: Uncertainties and covariances of nuclear data systems
Task 2.1: Uncertainties and covariances of nuclear data (Koning)
Task 2.2: Covariance tool development (Bauge, Leeb, de Saint Jean/Bernard)
Task 2.3: Covariance data evaluation (Koning, Sin)
Task 2.4: Covariances for activation, radioactive decay and fission yields (Mills/Cabellos)
Task 2.5: Application on advanced reactor systems (Gonzalez)

Friday, June 18th 9:00h.

- 9:00 10:00 WP3: Integral experiments for validation of nuclear data and constraints on uncertainties
Task 3.1: Scientific coordination. D Bernard
Task 3.2: Definition of a common validation process for the ND based on integral experiments analysis. D. Bernard
Task 3.3: Analysis with the previous defined process of Integral Experiments. D. Bernard?
Task 3.4: Consistent uncertainties in criticality benchmarks. A. Koning
- 10:00 11:00 WP4: High energy model validation in the 150-600 MeV domain
Introduction (10 mn) S. Leray
Task 4.1 : State-of-the-art of the model predicting capabilities in the 150-600 MeV domain, J.C. David (10 mn)
Task 4.2: SPALADIN p+Pb at 500 MeV: measurement of the fission fragments and evaporation residues in coincidence with light ions, J. Benlliure (10 mn)
Task 4.3: Measurement of neutron-induced light ion cross-sections at 175 MeV on Fe, Bi and U, F.R. Lecolley (10 mn)
Task 4.4: Improving of the predicting capabilities of the models in the 150-600 MeV in order to reduce the uncertainties on key parameters of the demonstration facility spallation target, J. Cugnon (10 mn)
Task 4.4.2 Koning
Task 4.5: Validation on the results from the post irradiation analysis of MEGAPIE samples, D. Schumann (10 mn)
- 11:00 11:30 Coffee break
- 11:30 12:15 WP5: Dissemination, education & training
Task 5.1: Coordination of the education and training activities (S. Pomp/E. Gonzalez)
Task 5.2: Coordination of the cooperation with NEA and IAEA and Dissemination activities (A.Koning)
Task 5.3: Coordination and support to End-Users group (S. Leray/E. Gonzalez)
- 12:15 12:30 WP6: Management (E. Gonzalez)
- 12:30 14:00 Lunch
- 14:00 16:30 Organizational topics
List of members for the Governing Board, Executive Committee
Fixing meeting dates for 2 years
- 16:30 17:00 Consortium Agreement (CIEMAT+Discussions)

ANNEX 2

LIST OF PARTICIPANTS

Name	Institution	e-mail
BAUGE, Eric	CEA	eric.bauge@cea.fr
BERNARD, David Thierry	CEA	david.bernard@cea.fr
DAVID, Jean Christophe	CEA	Jean-christophe.david@cea.fr
LERAY, Sylvie	CEA	sylvie.leray@cea.fr
CANO OTT, Daniel	CIEMAT	daniel.cano@ciemat.es
GARCÍA CUESTA, Juan Carlos	CIEMAT	JC.Garcia@ciemat.es
GONZÁLEZ ROMERO, Enrique M.	CIEMAT	enrique.gonzalez@ciemat.es
RUDOLF, Gerard	CNRS-IPHC	gerard.rudolf@ires.in2p3.fr
LECOLLEY, François-René	CNRS-LPC-CAEN	fr.lecolley@lpccaen.in2p3.fr
GARBIL, Roger	EC	Roger.Garbil@ec.europa.eu
RICCIARDI, Maria Valentina	GSI	m.v.ricciardi@gsi.de
NEGRET, Alexandru	IFIN-HH	alnegret@tandem.nipne.ro
COLONNA, Nicola	INFN	nicola.colonna@ba.infn.it
GONÇALVES, Isabel	ITN	ifg@itn.pt
KODELI, Iván	JSI	ivan.kodeli@ijs.si
PENTTILÄ, Heikki	JYU	Heikki.T.Penttila@jyu.fi
BRETT, Victoria Joana Toke	NNL	vikki.jt.brett@nnl.co.uk
MILLS, Robert William	NNL	robert.w.mills@nnl.co.uk
KONING, Arjan	NRG	koning@nrg.eu
SCHUMANN, Dorothea	PSI	dorothea.schumann@psi.ch
KOCHETKOV, Anatoly	SCK-CEN	anatoly.kochetkov@sckcen.be
LEEB, Helmut	TUW	leeb@kph.tuwien.ac.at
CUGNON, Joseph	ULG	cugnon@plasma.theo.phys.ulg.ac.be
SANZ, Javier	UNED	jsanz@ind.uned.es
SAUVAN, Patrick	UNED	psauvan@ind.uned.es
CABELLOS, Oscar	UPM	oscar.cabellos@upm.es
GARCÍA, Nuria	UPM	Nuria@din.upm.es
BENLLIURE ANAYA, José	USC	j.benlliure@usc.es

Connected by EVO Network:

ALVAREZ, Francisco	CIEMAT	Francisco.alvarez@ciemat.es
MARTÍN-FUERTES, Francisco	CIEMAT	Francisco.martin-fuertes@ciemat.es
MENDOZA CEMBRANOS, Emilio	CIEMAT	emilio.mendoza@ciemat.es
VILLAMARIN, David	CIEMAT	david.villamarin@ciemat.es
GUERRERO, Carlos	CIEMAT@CERN	Carlos.guerrero@ciemat.es
TRKOF, Andrej	JSI	Andrej.trkov@ijs.si
ZIMMERMANN, Colin Hunter	NNL	Colin.h.zimmerman@nnl.co.uk