



EMUG 2017 - AGENDA

9th Meeting of the “European MELCOR User Group”

Av. Complutense, 40. Ed. 1 Room B. CIEMAT, Madrid

April 6-7, 2017

Thursday 6th April 2017. Ed. 1, Room B

8:30-9:00 Registration

Session 1: Welcome and Introduction

Chair person: L.E. Herranz

9:00	Welcome and Approval of agenda	CIEMAT	L. E. Herranz
9:15	Overview of CIEMAT activities	CIEMAT	L. E. Herranz
9:45	Current Activities with the MELCOR Code in CSN	CSN	F. Robledo

10:10 Break

Session 2: Model development and applications

Chair person: F. Robledo

10:35	MELCOR Code Development Status	SNL	L. Humphries
11:35	Progress Report on the Development of a nitriding model	PSI	B. Jäckel
12:00	Examples of Modeling Methodologies Applied in SOARCA	SNL	J. Phillips

12:30 Lunch

Session 3: Experiments and GFR applications

Chair person: F. Mascari

13:30	Modelling of FP scrubbing in experiments and in integral accident scenarios	PSI	A. Rydl
13:55	HDR Test Analyses with MELCOR/SNAP	SNL	J. Phillips
14:30	ALLEGRO – Gas Cooled Fast Reactor MELCOR Model and Preliminary Results	NUBIKI	L. G. Horvath
14:50	Using MELCOR 2.1 as a thermal-hydraulics analysis code (GFR)	UJV Rez	P. Vácha

15:15 Break

15:35 Visit to PECA facility

16:30 **Closing session**



Friday 7th April 2017. Ed. 1, Room B

Session 4: LWR applications

Chair person: M. Adorni

9:00	<i>Advanced considerations for modelling a BWR in MELCOR</i>	AREVA	M. Hupp
9:30	<i>Latest analysis of the Fukushima UNIT 1 scenario</i>	CIEMAT	C. Lopez
9:50	<i>Analyses of an unmitigated SBO transient with ASTEC, MAAP and MELCOR</i>	ENEA	F. Mascari
10:20	<i>Gas Coolability of Decayed BWR Fuel in SFP Loss of Coolant Accidents</i>	BKW Energy Ltd.	T. Szabó
10:50	Break		

Session 5: LWR and Fusion applications

Chair person: B. Jäckel

11:15	<i>Insights on an SBO accident in BWRs</i>	CIEMAT	J. Fontanet
11:35	<i>An attempt to introduce a resuspension model in MELCOR 1.8.6 for fusion applications</i>	Univ. PISA	B. Gonfiotti
11:55	<i>Status of accident analysis for DEMO HCPB blanket concept using MELCOR 1.8.6 for fusion</i>	KIT	X. Z. Jin
12:15	<i>Final discussion and Conclusions</i>	All	
13:00	Lunch		
14:00	Closure of the meeting		

A private secondary meeting room (“Sala D”) has been made available for guests, both days. A schedule can be arranged for the meeting room if the demand requires it.