

## *Second Advanced Workshop on Model Codes for Spallation Reactions*

*Saclay, February 8-11, 2010*

### Monday 8 February 2010

10:00-10:15	Welcome	G. Mank (IAEA)
10:15-10:45	Workshop objectives	S. Leray (CEA - France)
10:45-11:15	Result production and Web site tools	M. U. Khandaker (IAEA)
11:15-12:05	Result global analysis: Residues	R. Michel (ZSR - Germany)
12:05-14:00	<b>Lunch</b>	
14:00-14:50	Result global analysis: Neutrons	J.C. David (CEA- France)
14:50-15:40	Result global analysis: Light charged particles	F. Gallmeier (ORNL - USA)
15:40-16:10	<b>Break</b>	
16:10-17:30	Discussion on the global analysis	Convener: A. Boudard (CEA- France)

### Tuesday 9 February 2010

9:00-9:50	CEM0302 results	S. Mashnik (LANL - USA)
9:50-10:40	CEM0303 results	K. Gudima (Academy of Science - Moldova)
10:40-11:10	<b>Break</b>	
11:10-12:00	CASCADE4 results	H. Kumawat (BARC - India)
12:00-12:50	CASCADEX results	Yu. Korovin (INPE - Russia)
12:50-14:15	<b>Lunch</b>	
14:15-15:30	Discussion: models based on the Dubna cascade	Convener : Y. Yariv (SOREQ - Israel)
15:30-16:00	<b>Break</b>	
16:00-17:00	Isabel results	Y. Yariv (SOREQ - Israel)
17:00-17:50	INCL4 results	J. Cugnon (Univ. Liège - Belgium)

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### Wednesday 10 February 2010

<b>9:00-9:50</b>	<b>Results with ABLA de-excitation code</b>	<b>M.V. Ricciardi (GSI - Germany)</b>
<b>9:50-10:40</b>	<b>Results with GEMINI++ de-excitation code</b>	<b>R. Charity (Univ. Saint Louis - USA)</b>
<b>10:40-11:10</b>	<b>Break</b>	
<b>11:10-11:40</b>	<b>Results with SMM de-excitation code</b>	<b>D. Mancusi (Univ. Liège - Belgium)</b>
<b>11:40-12:40</b>	<b>Discussion: De-excitation models</b>	<b>Convener: J. Cugnon (Univ. Liège - Belgium)</b>
<b>12:40-14:30</b>	<b>Lunch</b>	
<b>14:30-15:30</b>	<b>GEANT4 results with Bertini, BIC</b>	<b>J. M. Quesada-Molina (Univ. Sevilla - Spain)</b>
<b>15:30-16:00</b>	<b>MCNPX Bertini-Dresner results</b>	<b>F. Gallmeier (ORNL - USA)</b>
<b>16:00-16:30</b>	<b>Break</b>	
<b>16:30-17:30</b>	<b>PHITS Results with Bertini, JAM, JQMD</b>	<b>H. Iwase (KEK - Japan)</b>
<b>17:30-18:00</b>	<b>Discussion: Differences in Bertini models</b>	<b>Convener: S. Mashnik (LANL - USA)</b>

### Thursday 11 February 2010

<b>9:00-9:30</b>	<b>Benchmarking the codes against residual nuclide spallation data obtained recently</b>	<b>Y. Titarenko (ITEP - Russia)</b>
<b>9:30-11:00</b>	<b>Discussion: Physics conclusions</b>	<b>Convener: S. Leray (CEA- France)</b>
<b>11:00-11:30</b>	<b>Break</b>	
<b>11:30-12:15</b>	<b>Benchmark conclusions</b>	<b>Convener: G. Mank (IAEA)</b>
<b>12:15-12:30</b>	<b>Closing of the Workshop</b>	<b>G. Mank (IAEA)</b>