



## Severe Accident Analysis and Management (SAAM-2013) Symposium

**February 01, 2013 (OUTREACH AUDITORIUM)**

TIME		SPEAKER	TITLE OF TALK
0800-0900		<b>REGISTRATION</b>	
0900-0905		<b>LIGHTING OF THE LAMP AND SARASWATI VANDANA</b>	
0905-0907		<b>WELCOME BY SYMPOSIUM CONVENOR</b>	
0907-0915		<b>WELCOME ADDRESS BY DIRECTOR IITK</b>	
0915-0958		Sh. B. Bhattacharya, Ex Director, BARC & Member, NDMA	<b>INAUGURAL ADDRESS</b>
0958-1000		<b>THANK YOU BY SYMPOSIUM CONVENOR</b>	
<b>1000-1015</b>		<b>MORNING TEA BREAK</b>	
1015-1020		<b>WELCOME ADDRESS BY DORD</b>	
1020-1100		Sh. S.S. Bajaj, Chairman, AERB	<b>KEY NOTE ADDRESS</b> “Addressing severe accidents in nuclear power plants” .
1100-1130	7A1	Dr. R. K. Singh ( BARC)	<b>PLENARY</b> “Extreme External and Internal Events- Analysis and Management for Indian Nuclear Power Plants”.
1130-1200	2A1	Mr. Jong Ho Choi (IAEA)	Benchmarking Severe Accident Computer Codes for HWR Applications.
<b>1200-1330</b>		<b>DIRECTOR’S LUNCH</b>	
1330-1400	4A1	Dr. Martin Sonnenkalb (GRS, Germany)	Hydrogen Phenomenon & Management.
1400-1430	5*A1	Dr. V.S. Krishnan (Canada)	CANDU Severe Accident - R& D in Canada.
1430-1500	6A1	Dr. S. K. Das (IGCAR)	Challenges in experimental simulation of Molten Fuel Coolant Interaction.
1500-1530	1A1	Shri. H.P. Rammohan ( NPCIL )	Modelling and Simulation for thermal hydraulics of nuclear reactors --Code development & validation.
<b>1530-1345</b>		<b>AFTER NOON TEA BREAK / POSTER SESSION</b>	
1345-1615	5A1	Mr. A. Gaikward (AERB)	Severe Accidents: Regulatory Aspects for new and existing reactors.
1615-1645	3B1	Dr. Raimon Pericas (ISS, Idaho Falls)	Impact of International Severe Accident Research Programs on Fukushima Daiichi.
1700-1800		Dr. C. Ganguly (CAMECO)	<b>INSTITUTE LECTURE</b> “Nuclear fission energy, a sustainable and environmental option for electricity-the challenges.” * Venue : L1 (LHC)
<b>1800-2000</b>		<b>CULTURAL PROGRAM</b>	

## Severe Accident Analysis and Management (SAAM-2013) Symposium

**February 02, 2013(OUTREACH AUDITORIUM)**

TIME		SPEAKER	TITLE OF TALK
0900-0930	1B2	Dr. P. Chellapandi (IGCAR)	<b>PLENARY</b> "Simulation of severe accident scenarios in Sodium cooled Fast Reactor".
0930-0950	2B2	Dr.P.D. Krishnani (BARC)	Architecture of Integrated Neutronics and Thermal-Hydraulics code System ARCH+RELAP5 for the analysis of anticipated transients in AHWR.
0950-1020	4B2	Prof. Kannan Iyer (IITB)	Mathematical Modelling of Passive Autocatalytic Recombiners.
1020-1050	5*C2	Dr. Jean-Pierre Van Dorsselaere (IRSN/PSN, France)	Overview of IRSN R&D on severe accidents.
<b>1050-1105</b>		<b>MORNING TEA BREAK / POSTER SESSION</b>	
1105-1135	7B2	Dr A. K. Nayak (BARC)	Managing severe accidents at ex-vessel conditions.
1135-1205	3C2	Dr. Bal Raj Sehgal (KTH, Sweden)	Lessons Learned from the Reactor Accidents: TMI-2, Chernobyl and Fukushima.
1205-1230	8A2	Sh. Arshad Khan (BARC)	Experimental Test Facility Studies at BARC on aerosol behaviour in containment and PHT system.
<b>1230-1400</b>		<b>LUNCH</b>	
1400-1430	9A2	Prof. T. Sundararajan (IITM)	Thermalhydraulic simulation of Safety Grade Decay Heat Removal System.
1430-1500	2C2	Dr. Domenico Paladino (PSI, Switzerland)	PANDA programs devoted to containment safety analysis.
1500-1530	4C2	Shri. Nalini Mohan (NPCIL)	Hydrogen Phenomena and Management.
1530-1600	6C2	Shri B. K. Nashine (IGCAR)	SASTRA: An integrated test facility towards Sodium cooled Fast Reactor safety.
<b>1600-1620</b>		<b>AFTER NOON TEA BREAK / POSTER SESSION</b>	
1620-1650	6B2	Dr. C. Ganguly (CAMECO)	Hazards and Safety of Nuclear Fuels and Fuel Cycle Facilities.
1650-1720	10A2	Dr. P K Vijayan (BARC)	Reliability of passive systems – accomplishments and unresolved issues.
1720-1750	5D2	Norbert Losch (AREVA)	High Speed Sliding Pressure Venting - A Severe Accident Management System.
<b>1930-2130</b>		<b>SYMPOSIUM DINNER</b>	

## Severe Accident Analysis and Management (SAAM-2013) Symposium

February 03, 2013 (OUTREACH AUDITORIUM)

TIME		SPEAKER	TITLE OF TALK
0830-0900	3D3	Shri. P.K. Malhotra (NPCIL)	<b>PLENARY</b> "Comparison between Fukushima, Chernobyl and TMI accident".
0900-0930	5*D3	Shri H.G. Lele (BARC)	Accident Analysis for Different Accidents all over the world (TMI, Chernobyl, Fukushima, Narora).
0930-1000	4D3	Prof. S.K. Das(IITM)	Hydrogen leak and steam condensation inside containment.
1000-1020	5C3	Shri Deb Mukhopadhyay (BARC)	Experimental Research and Severe Accident Analysis of Different Separate Effects and Integral Experiments.
1020-1050	5*E3	Shri P. Selvaraj (IGCAR)	R&D activities towards enhancing the safety of Sodium cooled Fast Reactor.
1050-1110	5E3	Shri B. Chatterjee (BARC)	Severe Accident Evaluation and Management Studies for Different Indian NPP (VVER, BWR, PHWR, AHWR)
<b>1110-1130</b>		<b>MORNING TEA BREAK / POSTER SESSION</b>	
1130-1200			
1200-1230			
1230-1300			<b>PANEL DISCUSSION</b>
1300-1330			
<b>1330-1430</b>		<b>WORKING LUNCH</b>	