

Program for the 11th INAC => May 6th - 10th, 2024  
Escola de Guerra Naval / Comissão Nacional de Energia Nuclear - Rio de Janeiro/RJ  
**Nuclear Energy: Assuring Energy, Health and Food**

May 6, Monday							
TIME	Registration Desk						
16:00 - 18:00	<b>Registration</b>						
18:00 - 20:00	<b>Auditorium TAMANDARÉ</b>						
	<b>INAC Opening Ceremony Table</b>						
	<b>ABEN and UFF Cooperation Agreement Signature</b>						
	<i>Rafael Grossi (IAEA (VIDEO))</i> <i>Carlos Freire (ABEN)</i> <i>Gustavo Calero Garriga Pires (EGN)</i> <i>Maria de Lourdes Moreira (INAC chair)</i> <i>Juana Nunes (MCTI)</i> <i>Francisco Rondinelli (CNEN)</i> <i>Raul Lycurgo Leite (Eletronuclear)</i> <i>Alexandre Rabello de Faria (DGDNTM)</i> <i>Humberto Ruivo (SecNSNQ)</i> <i>William Vella Nozaki (BNDES)</i> <i>Antonio Carlos Vilela (FIRJAN)</i> <i>Julio Lopes (Dep. Federal)</i> <i>Hugo Leal (Dep. Federal / Gov RJ)</i> <i>Reimont Santa Barbara (Dep. Federal)</i>						
20:00 - 21:00	<b>Library</b>						
	<b>Opening Expo INAC &amp; Cocktail</b>						
May 7, Tuesday morning							
TIME	Auditorium TAMANDARÉ						
8:30 - 10:20	<b>INAC Round Table - Nuclear Energy: Assuring Energy, Health and Food</b>						
	<i>Coordinator: Antonio Muller (ABEN)</i>  <i>Wander Azevedo (ENBPar)</i> <i>Alessandro Facure (DRS/CNEN)</i> <i>Patricia Wieland (Consultant)</i> <i>Rafael Lopes (SBMN)</i> <i>Leonardo Dalaqua Junior (AMAZUL)</i>						
10:20 - 10:50	Coffee Break (Library)						
TIME	Auditorium TAMANDARÉ						
10:50 - 11:10	<b>CNNC Lecture</b>						
11:10 - 12:40	<b>INAC Round Table - The Current State of New Reactors in Latin America</b>						
	<i>Coordinator: Wilson Calvo (CNEN/DPD)</i>  <i>José Augusto Perrotta (RMB / CNEN)</i> <i>Sergio Miranda (LABGENE / DDNM)</i> <i>Frederico Genezini (RIALC / IPEN)</i>						
12:40 - 13:00	<b>Homenagem</b>						
13:00 - 14:30	<b>LUNCH (free)</b>						
May 7, Tuesday afternoon							
TIME	Auditorium TAMANDARÉ	Library	Auditorium de JOGOS A	Auditorium de JOGOS B	Seminar Room 1A	Seminar Room 2A	Seminar Room 3A
14:30 - 15:10	<b>ENAN</b> <b>Invited Speaker</b>  <i>Sheldon Landsberger</i> <i>(University of Texas - USA)</i>  <b>Naturally Occurring Radioactive Materials in Oil Exploration: How did this happen?</b>	<b>POSTER SESSIONS</b>	<b>ENIN</b>	<b>ENFIR</b> <b>Invited Speaker</b>  <i>Abdul R. Dullo</i> <i>(IDAHO National Lab)</i>  <b>Preparing for the Demonstration of Advanced Reactors at the Idaho National Laboratory</b>			
15:10 - 15:50	<b>ENAN</b> <b>Invited Speaker</b>  <i>Oswaldo Baffa (USP)</i>  <b>EPR Dosimetry: fundamental and Applications</b>	<b>ENAN</b>  <b>ENFIR</b>  <b>ENIN</b>  <b>JR POSTER</b>	<b>TECHNICAL</b>	<b>ENFIR</b> <b>Invited Speaker</b>  <i>Alexandre P. Santos</i> <i>(IPEN/CNEN)</i>  <b>From a Unique Neutron Diffractometer to the Brightest Neutron Imaging Beam: Upcoming Capabilities and Partnerships at Idaho National Laboratory – INL</b>			

15:50 - 16:10	<p><b>ENAN / ENFIR</b> Invited Speaker</p> <p><i>Danas Ridikas</i> (IAEA)</p>		SESSIONS	FINEP Lecture			
16:10 - 16:30	IAEA activities in support of research and applications with neutron sources						
16:30 - 17:00 Coffee Break (Library)							
17:00 - 19:00	<p><b>INAC Round Table</b></p> <p><b>Radioactive Waste: What to do? A look to the future</b></p> <p>Coordinator: <i>Ailton Dias (DIREJ-CNEN)</i></p> <p><i>Marcelo Valinhas (Petrobás)</i> <i>Rogério Mourão (CDTN/CNEN)</i> <i>Júlio Marumo (IPEN/CNEN)</i> <i>Bruno Estanqueira Pinho (Eletronuclear)</i></p>	<p>POSTER SESSIONS</p> <p>ENAN</p> <p>ENFIR</p> <p>ENIN</p> <p>JR POSTER</p>	<p>ENAN</p> <p>ORAL</p> <p>TECHNICAL</p> <p>SESSIONS</p>				

May 8, Wednesday morning	
TIME	Auditorium TAMANDARÉ
8:30 - 10:20	<p><b>INAC Round Table - SMR – Going on projects and near future opportunities and challenges</b></p> <p>Coordinator: <i>Daniel Palma (CNEN/DRS)</i></p> <p><i>Abdul Duloo– (IDAHO National Lab)</i> <i>Antonio Ramiro (TECNATOM/Westinghouse)</i> <i>Anna Leticia Sousa (CNEN/DRS)</i> <i>Song Danrong (CNNC)</i> <i>Clayton Silva (EPE)</i></p>
10:20 - 10:50 Coffee Break (Library)	
TIME	Auditorium TAMANDARÉ
10:50 - 11:30	<p><b>INAC Invited Speaker - Strategic Projects at CNEN</b></p> <p><i>Wilson Calvo (DPD/CNEN)</i></p>
11:30 - 13:00	<p><b>INAC Round Table - Challenges to boost scientific and technological development in Brazil</b></p> <p>Coordinator: <i>Isolda Costa (IPEN/CNEN)</i></p> <p><i>Helen J. Khoury (FACEPE)</i> <i>Marcelo Gomes Speziali (FAPEMIG)</i> <i>Ricardo Galvão (CNPq)</i> <i>Carlos Aragão (FINEP)</i> <i>Márcio de Castro Silva Filho (FAPESP)</i> <i>Aquilino Senra (FAPERJ)</i></p>
13:00 - 14:30 LUNCH (free)	

May 8, Wednesday afternoon							
TIME	Auditorium TAMANDARÉ	Library	Auditorium de JOGOS A	Auditorium de JOGOS B	Seminar Room 1A	Seminar Room 2A	Seminar Room 3A
14:30 - 15:45	<p><b>ENAN</b></p> <p><b>Round Table</b></p> <p><b>New trends of Theranostic Radiopharmaceuticals applied in nuclear medicine</b></p> <p>Coordinator: <i>Elaine Bortoleti Araujo (IPEN/CNEN)</i></p> <p><i>João Alberto Osso Junior (Consultant)</i> <i>Paulo Henrique Rosado de Castro (SBMN)</i> <i>Sérgio Augusto Lopes de Souza (UFRJ)</i></p>	<p>POSTER SESSIONS</p> <p>ENAN</p> <p>ENFIR</p> <p>ENIN</p>	<p><b>ENIN / ENFIR</b></p> <p><b>Round Table</b></p> <p><b>Uranium Market: The Logistic Dilemmas that Impose threats and opportunities for all Nuclear Fuel Cycle Activities</b></p> <p>Coordinator: <i>João Gonçalves (INB)</i> <i>Felipe Mattos (SGB/CPRM)</i> <i>Armando C. de Araujo (ENBPar)</i></p>	<p>ENAN</p> <p>ORAL</p> <p>TECHNICAL</p> <p>SESSIONS</p>		<p><b>MEETING</b></p> <p>The National Institute of Science and Technology: Modular and Innovative Nuclear Reactors (INCT)</p> <p>Coordinator: <i>Fernando Carvalho (PEN/COPPE/UFRJ)</i></p>	
15:45 - 16:10	<p><b>ENAN</b></p> <p><b>Invited Speaker</b></p> <p><i>Sheldon Landsberger</i> (University of Texas - USA)</p> <p><b>Medical and Industrial Isotopes</b></p>		<p>ENIN</p> <p>Invited Speaker</p> <p><i>EBSE Engenharia</i></p>	<p>ENFIR</p> <p>ORAL</p>	<p>ENFIR</p> <p>ORAL</p>		

16:10 - 16:30	<p><b>ENAN</b> Invited Speaker</p> <p><i>Ademar Benévolo Lugão</i> (IPEN/CNEN)</p> <p>On the use of ionizing radiation for the development and production of low cost advanced wound dressings for the Brazilian Universal Health System (SUS)</p>	JR POSTER	<p>ENAN / ENFIR</p> <p>Invited Speaker</p> <p><i>Mirion / SCIOFIX</i></p>	<p>TECHNICAL</p> <p>SESSIONS</p>	<p>TECHNICAL</p> <p>SESSIONS</p>		
16:30 - 17:00 Coffee Break (Library)							
17:00 - 17:30	<p><b>ENAN</b> Invited Speaker</p> <p><i>Pedro Henrique Bonfim Cardoso</i> (Hospital Vila Nova Star/SP)</p> <p>Radiation therapy treatment delivery systems: modern technologies and future directions</p>	POSTER SESSIONS	<p>ENIN</p> <p>ORAL</p> <p>TECHNICAL</p>	<p>ENFIR</p> <p>ORAL</p> <p>TECHNICAL</p>	<p>ENFIR</p> <p>ORAL</p> <p>TECHNICAL</p>	<p>FORUM</p> <p>Women in the Nuclear Area</p> <p>Coordinator: <i>Daniele Baêta</i> (CNEN)</p>	
17:30 - 18:00	<p><b>ENAN</b> Invited Speaker</p> <p><i>Juliana Polezze Fernandes</i> (USP/RP)</p> <p>An overview of radiation therapy dosimetry</p>	<p>ENAN</p> <p>ENFIR</p> <p>ENIN</p>				<p><i>Amenônia Ferreira</i> (CDTN/CNEN)</p> <p><i>Ketrim Souza</i> (WIN Brasil)</p>	
18:00 - 18:30	<p><b>ENAN</b> Invited Speaker</p> <p><i>João Henrique Martins Castelo</i> (Grupo Oncoclinicas/RJ)</p> <p>AI and Scripting in clinical practice</p>	JR POSTER	<p>SESSIONS</p>	<p>SESSIONS</p>	<p>SESSIONS</p>	<p><i>Anna Tiemi</i> (Petrobras)</p> <p><i>Renata Barbeiro</i> (Nuclep)</p>	
18:30 - 19:00						<p><i>Ana Beatriz Julião</i> (Eletronuclear)</p>	

May 9, Thursday morning

TIME	Auditorium TAMANDARÉ						
8:30 - 10:20	<p><b>INAC Round Table - Adversities and Opportunities in the Transition to Sustainable Energy: Exploring Nuclear Technologies</b></p> <p>Coordinator: <i>Leonam Guimaraes</i> (AMAZUL)</p> <p><i>Francisco Rondinelli</i> (CNEN) <i>Bento Albuquerque</i> (Consultant / Ex-MME) <i>Nelson Leite</i> (WEC Brasil) <i>Adriano Pires</i> (CBIE) <i>Giovani Machado</i> (EPE) <i>José Mauro Esteves</i> (ANM)</p>						
10:20 - 10:50 Coffee Break (Library)							
10:50 - 11:10	ROSATOM Lecture						
11:10 - 13:00	<p><b>INAC Round Table - The Challenge of building a State Program for the Brazilian Nuclear Activities</b></p> <p>Coordinator: <i>Marcelo Gomes</i> (Eletronuclear)</p> <p><i>Francisco André Barros Conde</i> (GSI) <i>João Leal</i> (SEENEMAR Gov. RJ) <i>Alessandro Facure</i> (DRS/CNEN) <i>John Forman</i> (Consultant) <i>Amílcar Guerreiro</i> (CEPEL)</p>						
13:00 - 14:30 LUNCH (free)							

May 9, Thursday afternoon

TIME	Auditorium TAMANDARÉ	Library	Auditorium de JOGOS A	Auditorium de JOGOS B	Seminar Room 1A	Seminar Room 2A	Seminar Room 3A
14:30 - 15:45	<p>ENAN/ENFIR Round Table</p> <p><b>Nuclear Fuels – Tendencies and feasible advances facing the Near Future</b></p> <p>Coordinator: <i>Frederico Genezini</i> (IPEN)</p> <p><i>Adrian Robert Wagner</i> (IDAHO National Laboratory) <i>João Moreira</i> (UFABC) <i>Claudia Pereira</i> (UFMG) <i>Humberto Gracher Riella</i> (UFSC)</p>	<p>POSTER SESSIONS</p> <p>ENAN</p> <p>ENFIR</p> <p>ENIN</p>	<p>ENAN Round Table</p> <p><b>Food irradiation in Brazil: trends, acceptance, and limiting factors</b></p> <p>Coordinator: <i>Anna Lucia Villavicencio</i> (IPEN/CNEN-SP)</p> <p><i>Patrícia Wieland</i> (Consultant) <i>Luis Eduardo Pacifici Rangel</i> (MAPA) <i>Denise Sahyun Levy</i> (IPEN/CNEN) <i>Guilherme Cruz de Souza Coelho</i> (ABRAFrutas)</p>	<p>ENAN</p> <p>ORAL</p> <p>TECHNICAL</p>			

15:45 - 16:15	<b>ENFIR</b> <b>Invited Speaker</b>  <i>Adrian R. Wagner</i> <i>(IDAHO National Laboratory)</i>  <b>Fuel fabrication and advanced manufacturing at INL</b>		<b>ENAN</b> <b>Invited Speaker</b>  <i>Clédola Cássia Oliveira de Tello</i> <i>(CDTN/CNEN)</i>  <b>CENTENA: sustainable solution for radioactive wastes</b>	SESSIONS	<b>ENIN</b>  <b>ORAL</b>  <b>TECHNICAL</b>  <b>SESSIONS</b>	<b>ENFIR</b>  <b>ORAL</b>  <b>TECHNICAL</b>  <b>SESSIONS</b>
<b>Coffee Break (Library)</b>						
16:15 - 16:45						
16:45 - 18:00	<b>INAC Round Table</b>  <b>Human resources for Nuclear Area: What are the challenges to face?</b>  <i>Coordinator: Inaya Lima (PEN/COPPE/UFRJ)</i>  <i>Leonardo Paredes (UFRJ)</i> <i>Ricardo Barros (UERJ)</i> <i>Denise Zezell (CNEN)</i> <i>Claudia Pereira (UFMG)</i> <i>Marcelo Meiriño (UFF)</i> <i>Gleice Germano (IPEN)</i> <i>Jhulia Schmidt Ceccon (UFRJ)</i>	<b>POSTER SESSIONS</b>  <b>ENAN</b>  <b>ENFIR</b>  <b>ENIN</b>	<b>ENAN</b>  <b>ORAL TECHNICAL</b>  <b>SESSIONS</b>			
18:00 - 18:15	<b>"NUCLEAR AMBASSADORS" AWARDS</b>					
18:15 - 18:30	<i>Coordinator: Olga Mafra</i>					
18:30 - 19:00	<b>JUNIOR POSTER AWARD</b>					

May 10, Friday morning	
<b>TIME</b>	LECTURES - Auditorium CNEN: (Rua General Severiano, 90 – Botafogo)
10:00 - 10:20	<b>Innovation</b> <i>Daniela Archila (DPD/CNEN)</i>
10:20 - 10:40	<b>Innovation and Scientific Entrepreneurship</b> <i>Luciana Carvalheira (IEN/CNEN)</i>
<b>Coffee Break</b>	
11:00 - 11:20	<b>International Cooperation</b> <i>Joana Azambuja (DPD/CNEN)</i>
11:20 - 11:40	<b>International Cooperation</b> <i>Niklaus Wetter (IPEN/CNEN)</i>
11:40 - 13:00	<b>LUNCH (free)</b>

May 10, Friday afternoon	
<b>TIME</b>	LECTURES - Auditorium CNEN: (Rua General Severiano, 90 – Botafogo)
13:00 - 13:20	<b>Knowledge Management</b> <i>Daniele Monegalha (IRD/CNEN)</i>
13:20 - 13:40	<b>Knowledge Management</b> <i>Daniela Villa Flor Montes Rey Silva (LAPOC/CNEN)</i>
13:40 - 14:00	<b>Young Scientists Project - Centro de Tecnologias Estratégicas do Nordeste</b> <i>Giovanna Machado (CETENE)</i>
14:00 - 14:20	<b>Young Leadership in STEM (Science, Technology, Engineering, and Mathematics)</b> <i>Gabryele Moreira (WiN Brasil)</i>
14:20 - 14:50	<b>INAC Closing Session</b>
14:50 - 15:20	<b>Closing Coffee Break</b>