

**28<sup>TH</sup> NUCLEAR AIR TREATMENT  
AND CLEANING CONFERENCE**

**CONFERENCE WELCOME**

**DR. RONALD R. BELLAMY**

**CONFERENCE CHAIR**

Welcome to the 28<sup>th</sup> Nuclear Air Treatment and Cleaning Conference, sponsored by the International Society of Air Treatment Technologies, Inc. My name is Ronald Bellamy, and I am the Vice-President of ISNATT. I am honored and privileged to chair this conference. This is the 28<sup>th</sup> in a series of biennial technical meetings, which have all provided an outstanding forum for air cleaning experts from around the world to exchange ideas, information, technology, issues and issues resolution.

ISNATT has a group of volunteer officers, which at present also include James Edwards as President, Curt Graves as Treasurer, and Jim Kriskovich as Secretary. We have a Board of Directors - Eric Banks, Manu Patel, and Wander ter Kuile. At our ISNATT business meeting today at 4:15 pm, we will entertain a slate of officers for the next two years. Mr. Richard Porco is responsible for the nominating committee.

I am saddened by the need to talk for a second about our past presidents. There have been only four presidents in ISNATT's existence, Dr. Lou Kovach, Mr. Richard Porco, Dr. Lee Hyder, and Mr. James Edwards. Dr. Hyder had the unenviable task of chairing the first conference after Dr. Melvin First's truly outstanding tenure as Conference Chair. Last November 3, Lee passed away. We need to remember him for his 35 years at Westinghouse Savannah River company, as a research chemist and manager. His Ph.D. in chemistry was from the University of California at Berkeley, and he was a recognized expert on safety in nuclear operations. He authored nearly 50 scientific and technical publications. He served on national safety reviews for the Department of Energy, and participated in two United States safety exchanges in Russia.

Outside of work he was an avid chess player, winning numerous championships and serving as Secretary of the US Chess Federation. Lee was also very active in the life and ministry of his church and in scouting, and as a scout he achieved the rank of eagle scout.

He was also an avid photographer and won several awards at shows, and wrote prolifically. Please remember his family and wife Penny in your thoughts.

Please silence your cell phones and pagers out of respect for the presenters, and if we receive any messages they will be at the Registration Desk. You should have all received a copy of a CD with all of the papers and presentations for your reference both here at the conference and in the future. As in the past, questionnaire sheets are available for your thoughts, comments and suggestions for future conferences. Also, there are CDs available of both the 26<sup>th</sup> and 27<sup>th</sup> conference, which are for sale at our cost of \$30 each.

Please take advantage of the many opportunities outside the formal presentations for interface with your colleagues. The breaks for these conferences provide an excellent opportunity for this interface. Our breaks are being sponsored by several of the corporations represented here:

AAF International; Ben Franklin  
Air Techniques International; Dave Crosby, Julie Davis and Eric Hanson  
ASME International; Kevin Ennis  
Vista Engineering Technologies; Jim Kriskovich  
SSM Industries; Mark Saucier.

A special thank you to each of these sponsors. Please express your appreciation.

We have a very ambitious agenda, filled with exceptionally interesting and timely papers and panel discussions. Our first keynote speaker this morning is Dr. Dennis Berry, who is the Director of the Nuclear Risk and Technology Center here at Sandia Labs. His staff and associates have graciously arranged for a tour of the Labs Friday morning. If you have not yet signed up, please do so this morning at the registration desk. Dr. Berry will talk about Global Nuclear Issues. The second keynote presentation on the many aspects of dispersion of radioactive aerosols in nuclear facilities will be delivered by Jeffrey Whicker of Los Alamos National Laboratory. Following a break, we will have a session on HEPA filters.

Lunch today is on your own, then after lunch we will have a very timely panel discussion on the recently-issued Nuclear Air Cleaning Handbook. On the panel will be government representatives, preparers of the Handbook, and users, both commercial and government. This should prove to be a spirited and informative session. Following an afternoon break, we will discuss carbon technology. Our formal agenda today concludes with an ISNATT business meeting, following that you are all invited to join Ellis and Watts and NUCON in an evening social.

Tomorrow we will begin at 8:30 am with a topic of great interest, control room habitability systems and leakage testing issues, including a period of round-table discussion on this important topic. After the morning break, we will hear presentations of operational issues.

All attendees and others with you are invited to join us on Wednesday for a buffet lunch and a presentation on Food Irradiation Using Electron Beams and X-Rays. Our luncheon speaker will be Dr. Robert Bruce Miller of Albuquerque who is a recognized international expert and author of several articles and an upcoming book on the topic. All are invited to what I am certain will be an exceptional and enlightening talk.

Following our working lunch on Wednesday, we will hear a series of presentations on regulatory and standards issues, and conclude the technical portion of our conference after a break with a panel discussion on the efforts of the ASME Committee on Air and Gas Treatment.

ASME CONAGT activities are a large part of our overall program this week. There have been, and continue to be, subcommittee meetings, the Main Committee meets Thursday and you will also see many senior ASME managers and Committee members here for other ASME meetings. You are welcome to attend our Main Committee meeting Thursday, and consider becoming involved in committee work. Feel free to talk to any committee member, the ASME staff here, particularly Kevin Ennis, Chris Sanna, and Oliver Martinez, and the CONAGT chair Rich Porco for further details.

Please plan on a full day Wednesday, concluding with time for any followup discussions, presentations of emergent issues, and any rebuttals. We will review the accomplishments of this conference, receive any last-minute thoughts you may have, and discuss plans for future conferences.

Questions and answers, and discussions, are a key part of the information exchange we hope to achieve. Time will be allowed after each presentation for questions, and we can arrange for followup discussions if necessary. You are the key to a successful conference and we look forward to your active participation. Thank you for your attendance.