Call for Abstracts

The International Conference on Thermal Treatment Technologies & Hazardous Waste Combustors (IT3/HWC) provides a forum for the discussion of state-of-the-art technical information, regulations, and public policy on thermal treatment technologies and their relationship to air emissions, greenhouse gases, and climate change. Papers and presentations will address various aspects of waste stream management using thermal treatment processes, and provide useful insight into associated costs, risks, and impacts. Practical applications of technical and scientific advances will be presented by international subject matter experts for a broad range of institutional and industrial wastes and waste treatment issues. Sessions will focus on technology advances, regulatory issues, waste-to-energy applications, greenhouse gas inventories, residuals treatment, climate change, and related topics including how these affect public perception and developing governmental policies.

Since 2008, the U.S. Environmental Protection Agency (EPA) has published numerous proposed or promulgated rules that have a major impact on the use of thermal treatment processes. These rules impact cement kilns, hospital/medical/infectious waste incinerators, solid waste incinerators, and waste-fired boilers ranging from small steam generators to large electric utility generators. The International Conference on Thermal Treatment Technologies & Hazardous Waste Combustors (IT3/HWC) provides an opportunity for system operators and key stakeholders to obtain the knowledge necessary to make well-informed decisions.

The IT3/HWC Program Advisory Committee will consider all topics with new information in the following categories:

- PFAS Sampling, Methods, Laboratory Analysis
- Waste/Compliance Impacts of Health Pandemics and Natural Disasters
- Plastics to Energy/Closed Loop Processing
- Comprehensive Performance Testing (CPT) – Lessons Learned
- Practical Applications Addressing Common Problems/Solutions Shared by Industry
- Developments in Established International Markets for Incineration
- Developments in Emerging Markets for Incineration
- Incineration’s Role in Homeland Security
- Thermal Treatment Case Studies – Municipal and Industrial
- Pyrolysis and Gasification Applications for Energy Conversion
- Waste-to-Energy, Renewable Energy, and Biomass Applications
- Sustainable Incinerator Fly Ash Management: Issues and Approaches
- Best Practice in Incinerator Fly Ash Treatment
Greenhouse Gas Management and Sustainability
Permitting and Regulatory Policy Issues
Research and Development (R&D) – All Areas
Plant Level Operational Issues
Pollution Control Technologies Related to Thermal Treatment
VOC & Odor Management
Medical & Biohazardous Waste Treatment
Combustion Science
Thermal Treatment Technology and Ancillary Equipment Advancements
Instrumentation & Monitoring Advancements
Management Tools Related to Thermal Treatment & Waste Handling Processes

Abstract Selection
Abstracts of 250 words or less should be submitted to IT3@awma.org by July 27, 2020. Contributed abstracts will undergo critical review by the IT3/HWC PAC for originality, content, objectivity, and absence of commercialism. Authors of abstracts approved for presentation will be notified of acceptance in August/September 2020.

Important Dates
Abstract Submission Deadline: July 27, 2020
Author Notifications: August 28, 2020
Draft Paper Deadline: October 26, 2020
Preliminary Program Available: October 2020
Review Comments to Authors: November 23, 2020
Conference Early Registration and Refund Deadline: December 28, 2020
Final Paper and Author Permission Form Deadlines: December 28, 2020
PowerPoint Deadline: January 5, 2021
Hotel Room Block Cut-off: January 5, 2021

IT3/HWC Conference
Offsite Technical Tour – Tuesday, January 26, 2021
Technical Program – Wednesday, January 27 – Thursday, January 28, 2021
Course(s) – Friday, January 29, 2021

Presented by: