

## CALL FOR PAPERS

Membrane technology is playing an integral role in protecting public health, improving water quality and opening up new water supply opportunities. This conference will explore the development, implementation, operation and maintenance of membrane facilities, provide information on how to treat impaired water supplies with membranes, show how membranes enhance water reliability and water quality, and reveal new directions in water treatment technologies and wastewater membrane bioreactor applications. Key program focus areas will include planning, management, operation, and regulations, coastal and inland brackish water desalination, seawater desalination, membrane filtration, nanofiltration and reverse osmosis contaminant removal, membrane bioreactors and water reuse applications. AMTA/SEDA wishes to invite authors and experts in the field to present abstracts on a variety of membrane topics.

### Planned Technical Program:

AMTA/SEDA will coordinate a three-day program of technical presentations, case histories and posters. Abstracts are invited in the following Sessions (*please reference Session number and letter on application form*):

1. **Membrane Facility Planning, Management and Regulations**
  - a. Management Techniques for Operational Improvements
  - b. Integration of Membrane Processes into Existing Water Treatment Infrastructure
  - c. Computer Monitoring, Control and Membrane Replacement Programs
  - d. Financial Implementation and Structuring Winning Membrane Portfolios
  - e. Permitting and Certification for Feed, Permeate and/or Concentrate
2. **Coastal and Inland Brackish Water Applications**
  - a. Water Quality Issues: TDS, Nitrate, Arsenic and other Unique Applications
  - b. Permitting Issues for Coastal and Inland Plants
  - c. Membrane Replacement and Retrofit Installations
  - d. Energy Recovery and Carbon Footprints
  - e. Costs and Financial Considerations
3. **Seawater Desalination Moves Forward**
  - a. Environmental Impacts
  - b. Site, Plant and Process Permitting
  - c. Cost and Performance
  - d. Operation and Maintenance
  - e. Seawater Desalination Plant Pretreatment
  - f. Energy Recovery Options and Applications
4. **Growth in Membrane Filtration**
  - a. Surface Water Treatment with Membrane Filtration
  - b. Membrane Fouling and Production
  - c. Fibers, Breakage and Integrity – Testing and Certification
  - d. Pretreatment with Membrane Filtration
5. **Nanofiltration and Reverse Osmosis Applications**
  - a. Treatment of Endocrine Disruptors and Pharmaceuticals
  - b. Integration of Technologies
  - c. Post-treatment Requirements
  - d. Blending Water Qualities in the Distribution System
6. **Wastewater Treatment & Reuse**
  - a. Recovery & Reuse Optimization
  - b. Membrane Bioreactor Advancements
  - c. Membrane Bioreactor Applications
  - d. Permitting Issues for Wastewater Treatment and Reuse
7. **Concentrate Treatment, Recovery and Disposal**
  - a. Inland and Coastal Issues and Practice
  - b. Innovative Reuse of Concentrate
  - c. Recovery Optimization
  - d. Concentrate Permitting: Fatal Flaws and Real Science
  - e. Coastal and Inland Desalting Plant Issues
8. **Regional Issues & Applications of Membrane Technologies**
9. **Membrane Operator Training**
  - a. Operator Certification Policies
  - b. Plant Operations & Maintenance Procedures
  - c. Hands-On Training at a Membrane Facility near Miami Beach
10. **Student Forum**

## **About AMTA:**

Our Vision: Solving water supply & quality issues through the widespread application of membrane technology.

Our Mission: To promote, advocate and advance the understanding and application of membrane technology to create safe, affordable and reliable water supplies, and to treat municipal, industrial, agricultural and waste waters for beneficial use.

Our Objective: to provide broad opportunities for the exchange of technical, operational and financial information among individuals and organizations interested in membrane technologies. As the leading advocate of membrane processes in the United States, AMTA is a strong voice for regulatory and legislative reforms essential to the understanding, acceptance and utilization of membrane technologies.

## **About SEDA:**

The Southeast Desalting Association (SEDA) formed in 1994 as an affiliate of the American Membrane Technology Association. It is dedicated to the improvement of the quality of water supplies through desalting, reuse and other water sciences. The Association's members are concerned with design, research and development, equipment manufacture, operation and maintenance, environmental regulations and legislation.

The Association's objectives include promotion, both to the public and to elected officials, of available technologies that improve water quality; education, training and certification of plant operation personnel; communication within the membership; development of meaningful interface with regulatory agencies; technology transfer; and protection of the environment.

The Association is committed to the advancement of its objectives throughout the Southeast United States region including but not limited to North Carolina, South Carolina, Virginia, West Virginia, Georgia, Mississippi, Alabama, Tennessee, Florida, Kentucky and the Caribbean, within the limits of its resources.

### **Conference Hotel Information:**

#### **Fontainebleau**

4441 Collins Ave.

Miami Beach, FL 33140

Phone: 800-548-8886 Fax: 305-674-4607

A group rate of \$177 single/double (\$207 triple and \$237/quad) rooms has been arranged for this program plus appropriate taxes for reservations made on or before June 30, 2011 based upon availability. Make lodging arrangements directly with the hotel by phoning 800-548-8886 – be sure to mention AMTA Conference for the group rate. Parking is available at \$25 for overnight parking or \$12 for day parking.

The Fontainebleau hotel is conveniently located about 10 miles from the Miami International Airport (MIA). All of the rooms offer luxurious comfort and privacy. Many guestrooms have breathtaking views of the Atlantic Ocean, as well as the twinkling necklace of lights that reveals Miami Beach at night. Rooms are fully equipped with high definition flat screen TVs, advanced sound systems, 20” iMac® and ultra-luxurious amenities. Modern, sophisticated interior designs create an atmosphere of quiet and calm for effortless relaxation. Fontainebleau guests are invited to discover a new sensory landscape through utilization of Apple® technology. Delivery of traditional information to resort guests via computer in the room is part of Fontainebleau’s commitment to the environment as well as being the hospitality leader in the use of interactive technology to enhance the guest experience. A personal 20” iMac® in every guestroom inspires guests to share memories and encourage personal expression.

## SUBMISSION OF ABSTRACTS

Abstracts should be a full page, single-spaced, approximately 500-800 words in length and provide an overview of the paper and its relevance to the theme of the Conference. All papers accepted will be published electronically on a CD-Rom and/or printed in hard copy for all attendees and may also be published on AMTA’s website.

Abstracts should be submitted via email in MSWord to AMTA headquarters at [admin@amtaorg.com](mailto:admin@amtaorg.com). If the file is too large to send via Email, please send to Janet Jaworski, AMTA Administrative Director, using her YouSendIt address: <http://dropbox.yousendit.com/JanetJaworski> by the deadline.

**The deadline for submission of abstracts is October 15, 2010** (*Please note that all manuscripts will be due by January 14, 2011*). All abstracts must be submitted with accompanying application form and must contain:

- Applicable Session
- Title of Paper
- Author’s name, titles, affiliation, full addresses including phone, cell, fax, email and website
- Presenter’s name, title, affiliation, full addresses including phone, cell, fax, email and website
- Contact person, title, phone and email

Only papers not previously presented or published will be considered. As time and space are limited, papers will be accepted on the basis of quality, originality, relevance to the theme of the conference, technical content, education emphasis, and timeliness and relevance to current issues within the industry. The Technical Program Committee of experts will evaluate each abstract to determine eligibility and all applicants will be advised if their paper has been accepted. Those papers that are not accepted will be eligible for a poster presentation.

Strict instructions and guidelines for accepted papers will be sent to all eligible authors upon approval by the Technical Program Committee.

If you have any questions, please contact Janet L. Jaworski at 772-463-0820.



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**Submit Your Abstract & Application Form by October 15, 2010**

**AMTA/SEDA 2011 Joint Conference  
“Membranes are the Solution”  
July 18 – 21, 2011, Miami Beach, Florida**

## Call for Papers - Application Form

Please complete this form and submit along with the Abstract of your paper by Oct. 15, 2010, for consideration at the AMTA/SEDA Joint Conference “Membrane Week” scheduled for July 18-21, 2011, in Miami Beach, FL at the Fontainebleau.

For Technical Program Committee Use Only:	
Award Score: (1=low 10=high)	Abstract #:
	Overall Quality of Paper
	Originality of Paper
	Relevance to Theme of Conference
	Technical Content
	Timeliness and Relevance to Current Issues within the Industry
	Submitted Abstract by Deadline
	<b>TOTAL POINTS AWARDED</b>

Session #:			
Title of Paper:			
Contact's Name:		Contact's Title:	
Contact's Phone:		Contact's Email:	
Primary Author's Name/Title:		Presenter's Name/Title:	
Company Affiliation:		Company Affiliation:	
Author's Address:		Presenter's Address:	
City, State, Zip, Country:		City, State, Zip, Country:	
Author's Phone:		Presenter's Phone:	
Author's Cell:		Presenter's Cell:	
Author's Fax:		Presenter's Fax:	
Author's Email:		Presenter's Email:	
Author's Website:		Presenter's Website:	