



Miami Chapter Update

2023 XII CRC

Samuel Martin

Delegate, President

8/11/2023



Shaping Tomorrow's
Built Environment Today

Business Functions

- ▶ **Financial Update**
 - ▶ Surpassed RP Goal
 - ▶ Re-instated non-profit and filed 2021 taxes
 - ▶ Chapter has sufficient reserves.

- ▶ **Electronic Media / Communication**
 - ▶ Google forms - prefill sign in sheet and use it to tally number of engineers
 - ▶ Our communications are getting better (constant contact for meeting/news announcements)
 - ▶ We have updated our website - <https://www.ashraemiami.com/>
 - ▶ Payments for meetings through web (square)

Committee Updates

- ▶ Membership Promotion
 - ▶ New members: 23
 - ▶ Delinquent members: 19
 - ▶ Gained 4 members
 - ▶ Announcing and welcoming new members at meetings
- ▶ CTTC
 - ▶ 8 meetings total
 - ▶ 7 with PDH points
 - ▶ 2 DL visits (1 Refrigeration)
 - ▶ Challenge: getting engineers more involved with TCs
- ▶ Research Promotion
 - ▶ 107% of goal
 - ▶ Did the \$150 scholarship goal
- ▶ GGAC
 - ▶ No activities involving government affairs.
 - ▶ Found new chair and another member who's interested
- ▶ YEA
 - ▶ 16 YEA Members
 - ▶ Challenge: Downward trajectory of YEA members
- ▶ Student Activities
 - ▶ 8 Members, up from 4
 - ▶ Presidential meeting with FIU and University of Miami
 - ▶ Established whatsapp groups for both schools
- ▶ History
 - ▶ No activities involving government affairs.
 - ▶ Found new chair

Chapter Highlights / Challenges

Highlights

- ▶ Achieved goals of increasing engineer attendance
- ▶ Increased # of volunteers and participation of leadership team

Challenges

- ▶ More Engineers to come to meetings and be more involved in chapter operations
- ▶ Increasing YEA and student membership (plan to schedule more events)

Chapter Awards

Crosby Field Award

Zhitao Han, Li Ding, and Gang Wang, P.E., Ph.D., were the recipients of the **Crosby Field Award** for “**Experimental Investigation of Induction Motor Power Factor and Efficiency Impacted by Pulse Width Modulation Power and Voltage Controls of Variable Frequency Drives**”, which was judged to be the best paper presented before the Society. The Crosby Field Award is named for a former Presidential Member.

Willis H. Carrier Award

Li Ding received the Willis H. Carrier Award given to a **member 32 years of age or younger** for presenting an outstanding paper at a Society conference.

Past President Award to Alfredo Sotolongo during our June meeting



Holiday Social at No. 3 Social Rooftop Bar - Past Donor Recognition



YEA - Student Mixer



Miami ASHRAE YEA and Student Member Mixer! Marlins Game and Stadium HVAC Tour!!

YEA - Young Engineers of ASHRAE (members 35 of age and younger)
For those who are over 35, please encourage younger colleagues to attend
Marlins vs Giants, at Loan Depot Park
Tues. April 18, Gametime: 6:40pm



President's Visit



Golf Tournament - Miami Beach Golf Course



Mike Montan, Adrian Sanchez, Tulia Rios, Victoria Garcia Massimo, Sonia Aranaga, and Maria Acosta of ASHRAE



Catching some lunch with friends at the Miami Beach Golf Club before the tournament



ASHRAE golfers heading to their first hole after the shotgun start at 1pm



Third Place Winners: Danny Diaz, Freddy Aragon, Noel Allen, and John Moulder with ICS – Addison



Second Place Winners: Rafael Vicens, Jorge Benitez, Brett Aleshire, and Brady Spann with ICS – Addison



First Place Winners: Tony Arriaga, Mickey M, Chris Guzman, and Justin Ingram with Protec Inc.



Rick Ellison, Jarret Samuels, Lorenzo Fernandez, and Kevin Shirk with Diversified Fluid Controls



Chris Figueras, Kenny Scott, Rob Pulsifier, and Tom Flavell with MCASF



Daniel Salas, Ricardo Du Pond, Jonathan Quintero and Christina Villa with Stantec



Felipe Osorno, Miguel Garcia, Matt Van Bibber, and Mitch Delgado with Osorno Group Corp.



Chad Ferreira, Andrew Young, Ryan Hasko, and Chris Alvarado with Jasco Corp.



Kaushik Mashettiwar, David Fernandez, Max Marrero, and Kevin Smith with ICS – Evapco



Jorge Alvarez, Matt Fernandez, Joshua Corredor, and Jose Martinez with ICS – Grundfos



JC Gonzalez, Ricardo Rigio, Victor Sabando, and David Lopez with Dunham Bush



Danny Diaz, Freddy Aragon, Noel Allen, and John Moulder with ICS – Addison



Luis Coello, Charlie Seybold, Tedd Jaguszyn, and Danny Denaro with Daikin



Jaime Bernat, Andy Saez, John Mahoney, Larry Smorgala, Jay Schmidt, and Javier Cepede with Saez Distributors



Tony Arriaga, Mickey M, Chris Guzman, and Justin Ingram with Protec Inc.



Completed New Initiatives

- ▶ Monthly Leadership Virtual Meetings 1-2 weeks after monthly meeting
- ▶ Big push for YEA - Student Mixer Event at Marlins baseball game w tour of HVAC facilities
- ▶ Two new meeting venues
- ▶ Nominating committee for full BOG
- ▶ Board of Governors induction, Past President Recognition night, and Chapter Past President Award at last meeting of the year
- ▶ Holiday Social w Donor Recognition and Certificates
- ▶ Sold out golf tournament
- ▶ Google forms meeting sign in sheet (print for meeting)
- ▶ Special meeting for Students with ASHRAE Society President, Region XII RVC, and Region XII YEA

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, leaving a large white central area.

Questions?

Google Forms - Case Study

ASHRAE Miami Chapter

November Meeting Sign In

DATE: Nov. 8, 2022
 TITLE: Basis and Design of Cooling Towers Jump Start - Understanding Tower Terms & Design
 INSTRUCTOR: David Longacre
 COURSE LENGTH: 1 HR

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Valid email

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Name *

Short answer text

Company *

Short answer text

Phone #

Short answer text

	#engineers	meeting attendance
July	-	-
August	-	-
September	17	52
October	7	29
November	12	24
December		
January		
February	5	12
March	11	28
April	3	20
May		
June	20	40
total		205
average	10.7	51.3

Copy of December Meeting Sign In (Responses) for crc pres ☆ 📧 📎

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	A	B	C	D	E	F	G	H	I	J	K
1											
2											
3		ASHRAE MIAMI HOLIDAY PARTY ATTENDANCE 12/14/2022, 7-9:30pm									
4						Are you a member?	If you are a sponsor or a non-invited non-member, did you pay? If not, please go back to announcement and click on payment link.	Are you a sponsor? If yes, pick which package and then list the names of your attendees below	Sponsor list of attendees:	Please choose one regarding your position:	Attended?
	Timestamp	Email Address	Name	Company	Phone #						
5	10/28/2022 12:49:44					Yes	Yes	Silver		Equipment Rep	
6	10/28/2022 19:08:43					Yes	Yes	Silver		Engineer	
7	11/1/2022 11:26:43					Yes	n/a - member or invited	Silver		Manufacturer	
8	11/4/2022 3:55:39					Yes	Yes	Silver		Engineer	
9	11/4/2022 7:08:12					Yes	No	no		Engineer	
10	11/6/2022 14:31:17					Yes	Yes	Gold		Technical Sales Manager, Spouse / Colleague & Spouse	
11	11/8/2022 10:44:31					Yes	n/a - member or invited	no		Engineer	
12	11/10/2022 9:37:07					Yes	n/a - member or invited	Silver		Equipment Rep	
13	11/14/2022 15:06:17					Yes	Yes	Gold		HVAC Equipment Manufacturer	

Chapter Meetings

Sept 13, 2022 Broward BORA – Topics: **FBC-Mechanical 2020 ventilation requirements** (residential outside air: mechanical vs. natural) by **Rolando Soto, PE** and the other **Updates to the Energy Conservation Standards** (New vs old efficiency procedure and current vs 2023 Efficiencies for Split-system and single-packaged Air Conditioners) by **Timothy de Carion**.

Oct 11, 2022 – **Power Factor and Efficiency of AC Induction Motors Powered by Variable Frequency Drives** by Li Ding and Professor Gang Wang of our very own Miami Chapter.

Nov 8, 2022 Cooling Towers Jump Start – Understanding Tower Terms & Design by **David Longacre**.

Dec 14, 2022 Holiday Social and Donor Recognition Night @ No. 3 Social Rooftop Bar (+20 Sponsors!)

Jan 17, 2023 Presidential Address is titled **Securing Our Future** by **Farooq Mehboob, ASHRAE Society President**.

Feb 21, 2023 I.C.E Storage–In Case of Emergency – Thermal Energy Storage and the Inflation Reduction Act of 2022 by **Bruce Lindsay, PE** (ASHRAE Distinguished Lecturer).

Mar 22, 2023 Emerging Chiller Technology – How It Will Affect Your System of Choice by **Trevor Ramsey**

April 11th, 2023 BACnet/SC – What It Is and Why You Need It, by **Mostafa (Moose) Hassan**

April 18, 2023 Miami ASHRAE YEA and Student Member Mixer! Marlins Game and Stadium HVAC Tour. Marlins vs Giants, at Loan Depot Park.

May 4th, 2023 ASHRAE Miami Golf Tournament @ Miami Beach Golf Club

June 13th, 2023 Steady On the Throttle – Part Load Compressor Technologies and Applications, by **Mark W. Fly, PE** an ASHRAE Distinguished Lecturer. Also **Past Presidents Recognition Meeting, Award to Alfredo Sotolongo, Sr.**, and **New Board Inductions**