October 2026 ASHRAE Tri County Chapter

Tri-County
SUPER HEAT
ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers

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MEETING INFORMATION

Date:	October 20, 2026
Location:	Diamond Palace 1241 Grand Ave, Ste L Diamond Bar, CA 91765 (909) 860-2625
Time:	6:30 PM
Member Cost:	$50.00
Non-Member Cost:	$60.00

Hope to see many of you at the October Membership Night meeting!

UP-COMING MEETING

Speaker:

Amir Jokar, Ph.D., P.E., CFEI, ASHRAE Fellow, Principal Engineer, Exponent, Inc.

Topic:

Low GWP and Flammable Refrigerants in HVAC&R Systems

(See page 2 for more information)

ASHRAE Tri County Chapter

Speaker: **Amir Jokar**, Ph.D., P.E., CFEI, ASHRAE Fellow, Principal Engineer, Exponent, Inc.

Topic: **Low GWP and Flammable Refrigerants in HVAC&R Systems**

There have been a significant number of studies and efforts concerning the transition from conventional non-flammable hydrofluorocarbon refrigerants with high global warming potential (GWP) to mildly-flammable refrigerants (A2L) with much lower GWP, and/or natural refrigerants such as carbon dioxide, due to climate concerns over the last two decades. These activities are now expanding to investigate the use of fully flammable refrigerants (A3), such as propane, in heating, ventilation, air-conditioning and refrigeration (HVAC&R) systems. In addition to their low GWP, the systems utilizing these alternative refrigerants have demonstrated improved performance and energy efficiencies. There are, however, fire and explosion risks associated with flammable refrigerants, depending on the spaces where these systems are utilized and their end-use applications (industrial, commercial, or residential). Dr. Jokar will review the recent activities conducted by ASHRAE and other agencies and share his experience with flammable refrigerant testing.

Dr. Jokar, ASHRAE Fellow, is a Principal Engineer at Exponent, Inc. based in Irvine, California with more than 25 years of work experience both in industry and academia. He is a licensed professional mechanical engineer (PE) in the State of California and a certified Fire and Explosion Investigator (CFEI). He obtained all his educational degrees in Mechanical Engineering in the field of Thermal/Fluid Sciences, including his Ph.D. from Kansas State University in 2004. His specialties are in thermodynamics, fluid mechanics, heat transfer, and HVAC&R systems.

Dr. Jokar has been an active member of ASHRAE since 2000, serving as a member of several technical committees, including Section 1 Head and Chair of both TC 1.3-Heat Transfer and Fluid Flow and TC 8.5-Liquid to Refrigerant Heat Exchangers. He has also been an active member of the American Society of Mechanical Engineers (ASME) in the Heat Transfer Division, the National Fire Protection Association (NFPA) as principal member of NFPA 87-Standard for Fluid Heaters, and the American Society of Automotive Engineers (SAE). He has been Associate Editor of various scientific journals, including the Journal of Thermal Science and Engineering Applications and Heat Transfer Engineering.

GREAT TIME AT LAST MONTHS MEETING

A great time was had by all at our September Kick-Off Dinner Meeting





Tri County Programs Chair Rene Hinojosa with Main Program Speaker Mike Gallagher. Mike was instrumental in drawing a crowd of 36 attendees.







At left: Tri County Past Presidents Kendal Smith (Dawson Co.), Manny Perez (Trane), Tony Pierce (Facility Dynamics), Jim Toda (Custom Cooling), Gabe Sahagun (ACCO)

At Right: Raffle prize winners

ASHRAE Tri County Chapter

2026 Annual Tri County Golf Tournament Sponsors

Sigler - Platinum Level

P & E INSULATION — Gold Level

Dawson Company — Silver Level

Rahn industries — Silver Level

R.F. MacDonald — Silver Level

Design West Engineering — Silver Level

ToroAire — Silver Level

ACCO — Silver Level

Air Control Systems — Silver Level

Performance Contracting Group — Silver Level

AIRSYS — Silver Level

Victaulic — Silver Level

Micrometl — Silver Level

Allison Mechanical — Silver Level

Protecall—Bronze Level

MARKETING OPPORTUNITY

PLEASE SUPPORT OUR BUSINESS CARD/PAGE AD ADVERTISERS LOCATED HERE AND ELSEWHERE IN THIS PUBLICATION…

MAKE AN INVESTMENT IN OUR INDUSTRY'S FUTURE!

If you would like to place a business card/page ad in Super Heat for the 2024-2025 Tri-County ASHRAE season, please contact us via e-mail at

ashraetricounty@gmail.com

Looking for a unique marketing opportunity?

We've got a deal for you!
For only $50 (that's right, only $50!) you and many more can see your business card appear on <u>THIS MONTHLY PUBLICATION</u> for the 2024-2025 Tri-County ASHRAE season!

And for only $300 you can advertise your business with a FULL page ad ! ($150 half page Ad)

Now that you're interested, send a *.jpg version of your business card and/or page ad to: ashraetricounty@gmail.com and we will send you a link to pay for the corresponding fees.

TCSH Editor

BUSINESS CARD SPONSORS

ASHRAE Tri County Chapter

2026 GOLF TOURNAMENT PLATINUM SPONSORS





Sigler



2026-2027 Remaining Meetings

November 17, 2026 – Travis English (Healthcare Leader)

December 2026 – Joint Meeting w/ASHRAE Society President

January 19, 2027 - TBD

February 16, 2027 – Brian Monk (Distinguished Lecturer)

March 23, 2027 – Devin Abellon (Distinguished Lecturer)

April 20, 2027 - Student Night

May, 2027 – Installation Dinner

2026-2027 PARTIAL ROSTER

Officers

President — **Cole Lemiuex**
909-730-9840

President-Elect — **Rene Hinojosa**
Sigler –714-944-8347

Secretary — **Nishit Patel**
PBS ENGINEERS - 626-691-3102

Treasurer — **Chad Williams**
Air Control Systems - 714-412-3060

Board of Governors

Kendal Smith
Dawson Co. — 626-429-9312

Gabriel Sahagun
ACCO Engineered Systems - 818-244-6571

Manny Perez
Trane — 562-301-4589

Committee Chairs

Chapter Technology Transfer — **Rene Hinojosa**
Sigler –714-944-8347

Student Activities — **Gabriel Sahagun**
ACCO Engineered Systems - 818-244-6571

Research Promotion — **Kendal Smith**
Dawson Co. — 626-429-9312

Membership Promotion — **Manny Perez**
Trane — 562-301-4589

Young Engineers in ASHRAE (YEA) — **Rene Hinojosa**
Sigler –714-944-8347

Newsletter Editor — **Jim Toda**
Custom Cooling Company — 909-599-9222

Webmaster — **Michelle Toda**
Custom Cooling Company — 909-599-9222

Tri-County
SUPER HEAT

CELEBRATING
38 YEARS
1988-2026
TRI-COUNTY ASHRAE!

PAST PRESIDENTS

1988-1989	SUKHDEV**MATHAUDHU**	2014-2015	RYAN**RODRIGUEZ**
1989-1990	SUKHDEV**MATHAUDHU**	2015-2016	SHAW**GENTRY**
1990-1991	JEFF**LEONARD**	2016-2017	CHRIS**ROBLES**
1991-1992	DEL**THOMAS**	2017-2018	IAN**VILLAZANA**
1992-1993	TONY**PIERCE**	2018-2019	KAKERU**FUJIKAWA**
1993-1994	GREG**MORIN**	2019-2020	FELIX**MONTERROSO**
1994-1995	TONY**HENKEL**	2020-2021	MICHAEL**FRANZEN**
1995-1996	JOHN**HAVILAND**	2021-2022	MANNY**PEREZ**
1996-1997	JOEL**CARTER**	2022-2023	WALTER**ESCAMILLA**
1997-1998	CHANDRA**CHINDE**	2023-2024	KENDAL**SMITH**
1998-1999	JIM**TODA**	2024-2025	KEVIN **LE**
1999-2000	RICHARD**MCLEOD**	2025-2026	GABRIEL**SAHAGUN**
2000-2001	KERRY**PARKER**		
2001-2002	DEBRA**CHAVIRA-SMITH**		
2002-2003	LUCAS**HYMAN**		
2003-2004	JOE**SANDERS**		
2004-2005	BOB**GASTEL**		
2005-2006	ART**ANDRES**		
2006-2007	JIM**PARKER**		
2007-2008	KYLE**LANDIS**		
2008-2009	RICK**CREED**		
2009-2010	ROBERT**MORSE**		
2010-2011	TIM**HALD**		
2011-2012	JAIME**LOPEZ**		
2012-2013	ERICK**DELGADO**		
2013-2014	NICOLAS**ROSNER**		

— *journal of the tri-county chapter of the* —

American Society of Heating, Refrigerating, and Air Conditioning Engineers

ASHRAE, founded in 1894, is an international organization of more than 50,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.