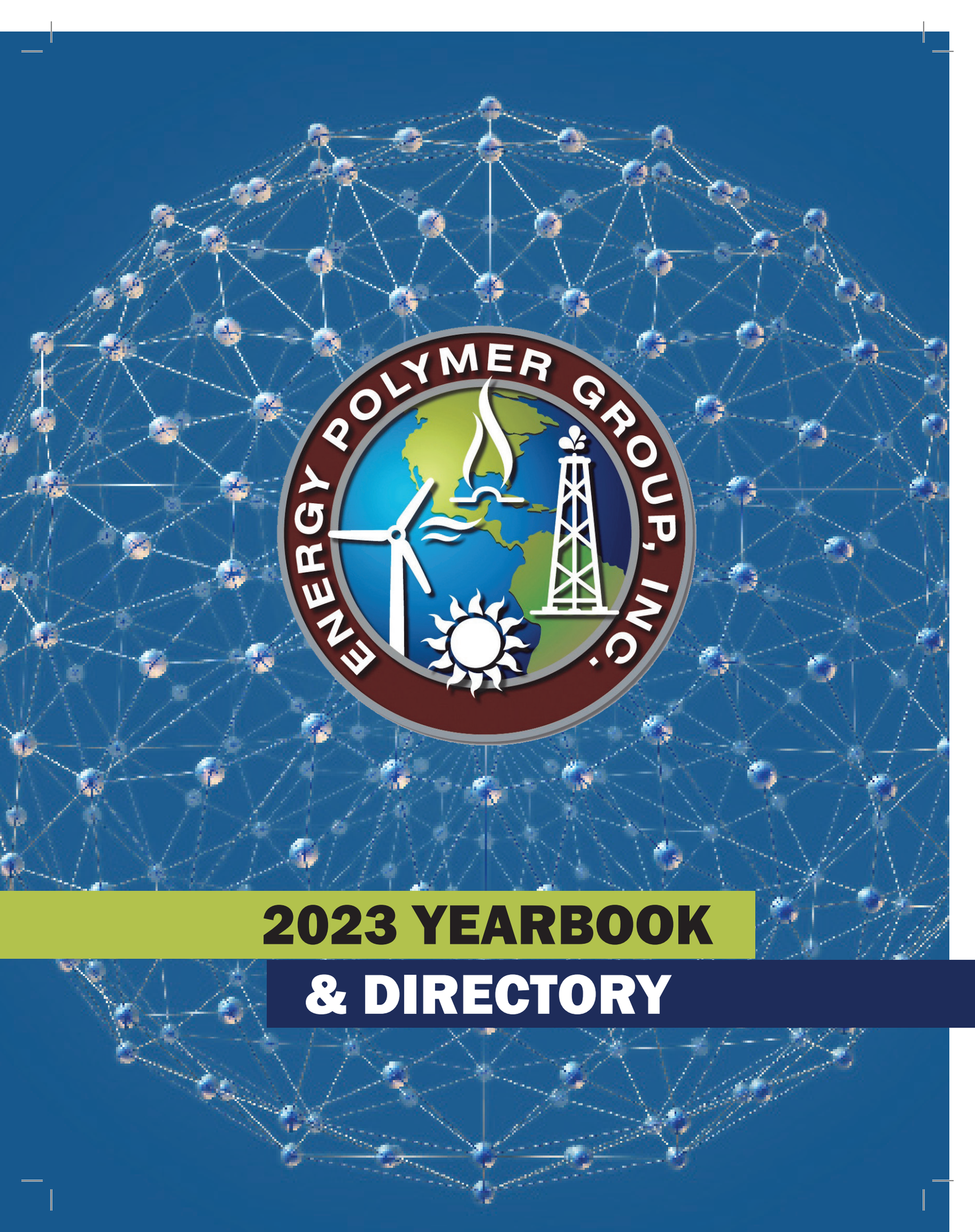


2023 YEARBOOK & DIRECTORY

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- Sealing Elements
- Shock Cells
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- Stripper Elements
- Top Seals & Ram Seals
- Valve Seats
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Brenham, TX 77833 USA
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1 GOLD PARTNER

2023 YEARBOOK & DIRECTORY

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THE EPG GOALS

The Board of Directors of the Energy Polymer Group believes its members should understand the goals of the organization. The goals presently being pursued are:

- To provide scientific, engineering and business knowledge required by our membership
- To become a recognized technical body on the subject of engineered polymers
- To increase end user participation in the EPG
- To attract and educate members entering the industry

> “A unique blend of polymer professionals, all dedicated to the advancement of polymer technology and education in the energy sector.”

COMMENTS FROM THE CHAIR



A Year of Renewal and Resurgence for the Energy Polymer Group

As I step down as Chair of the Energy Polymer Group, I can't help but feel a surge of pride and optimism for the future of this remarkable organization. This year has been one of of resurgence, marking a turning point after several years of challenges.

Our membership has rebounded in dramatic fashion. From a worrying dip below 400, we've climbed back to surpass that critical threshold, nearing the strength we enjoyed in 2019. This surge in members, hailing from the entire polymer supply chain and driven by a shared passion for innovation in polymers for the energy market, is a testament to dynamism of our field.

Our financial situation, too, has undergone a heartening transformation. After three years of navigating tight budgets, we've finally achieved that elusive break-even point. This fiscal stability lays a solid foundation for future growth, allowing us to reinvest in crucial activities like scholarships and outreach programs. We're even forecasting a surplus next year, opening up exciting possibilities for expanding our impact and reach.

But perhaps the most gratifying aspect of this year has been the high caliber of presentations at our technical meetings. The presentations have been exceptional, showcasing innovative research, thought-provoking ideas, and cutting-edge applications, across various sectors. Witnessing the exchange of knowledge and the collaborative spirit amongst our members has filled me with immense hope for the future of our market.

As I hand over the reins to Dale Whiteman the next Chair and Charlie Pitts the Vice Chair, I do so with confidence in the Energy Polymer Group's continued success. We've weathered some storms, emerged stronger, and are poised for even greater achievements in the years to come. The future of the EPG is bright, and I can't wait to see what this group will achieve next.

Neil Mendes
Alpine PolyTech
2023 EPG Chair

LEADERSHIP

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ANNUAL SPONSORS

In a continuing effort to promote education and involvement of new people in the industry, the Energy Polymer Group solicits corporate sponsors through voluntary contributions by its member companies. These sponsorships allow the funds of the EPG to be used for further educational programs and scholarship funding. The fee for an annual sponsorship is only $125.

> “Gratitude knows no bounds as we extend our heartfelt thanks to our EPG Partners and Annual Sponsors. Your unwavering support is the driving force behind our symposiums and technical meetings, making them not just possible, but extraordinary. Together, we are shaping the future of innovation and knowledge sharing.”

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HAPPY HOUR

WINTER TECHNICAL MEETING









1. Jason LaBorde, David Lavanga 2. Neil Mendes, Anil Pitta 3. Shane Gorman, Wayne Yowell, Anil Pitta 4. Buc Slay, David Minick, Jimmy Neal

The Winter Technical Meeting kicked off with a vibrant happy hour, sponsored by AGC. In the warm and welcoming atmosphere, attendees had the opportunity to network, conencting with both familiar faces and new acquaintences. It was a delightful prelude to the main event, fostering a sense of camaraderie and excitement for the upcoming discussions and collaborations.

AGC
Your Dreams, Our Challenge



Pete Getzinger & August Krupp



Boris Makhinson, Victoria Lee, & Frank Olmos





Darryl Turlind & Mick Holland



Irene Yurovska, Peter Xing, Taylor Boyle, Wayne Furlan



Allen Cerny & Jared Tousek





Ricardo Betancourt, Austin Toys & John Reyes



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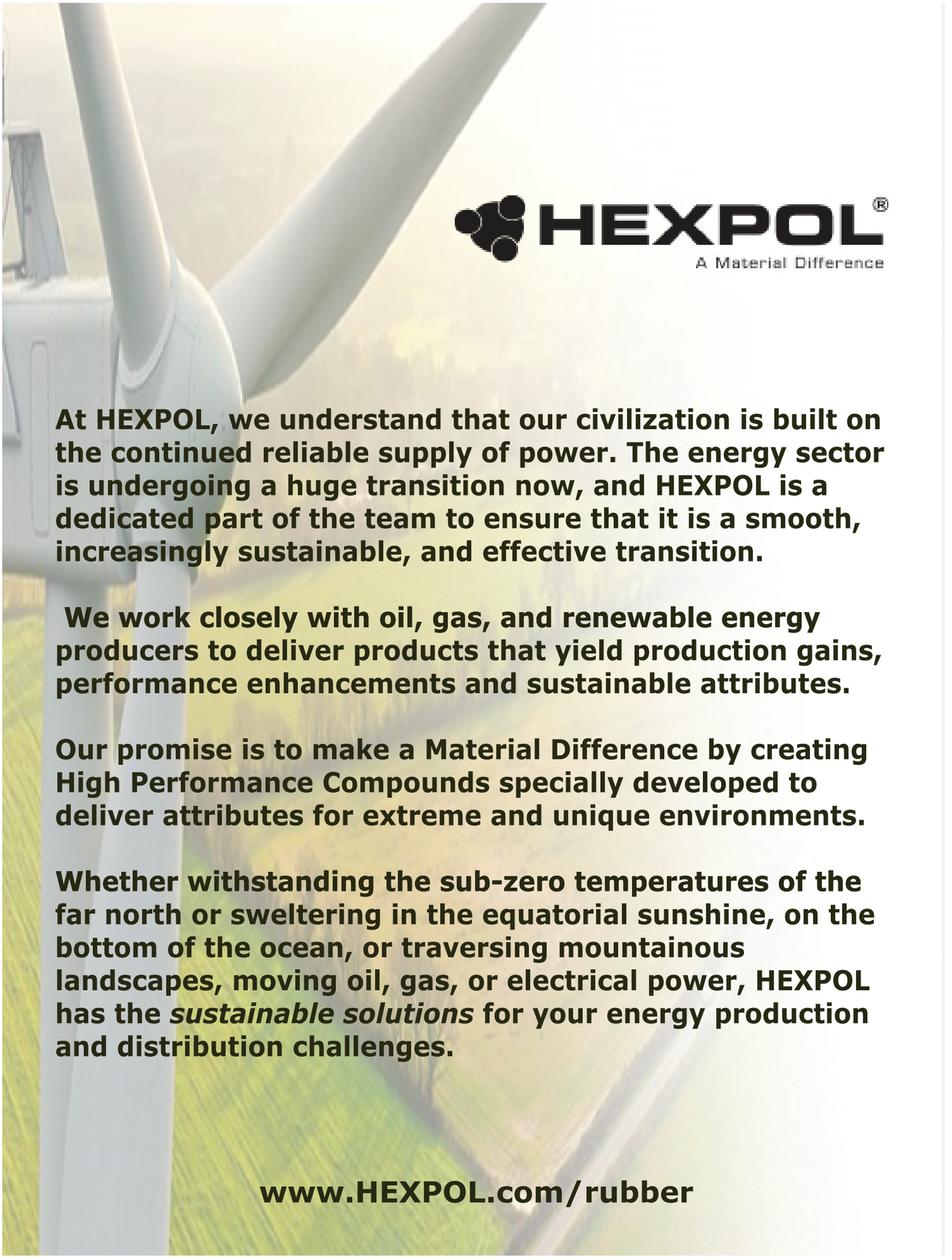
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WINTER TECHNICAL MEETING

THURSDAY, MARCH 9, 2023

March 2023, EPG initiated the year with a resounding start at the Winter Technical Meeting held on March 9 at the prestigious Hyatt Regency in Housotn, Texas. This event proved to be a hub of knowledge and innovation, featuring nine dynamic session that delved into an array of topics, from automation for rubber testing and development to the intricacies of the data dilemma. Attendees were also treated to updates on the Joint Industry Project (JIP) and a comprehensive overview of the ever-evolving oil and gas market. The event drew an impressive crowd, with 144 dedicated members in attendance, alongside 15 guests, ensuring the Winter Technical Meeting was a promising start to a year of advancement and collaboration.

SESSIONS:

Electrical Insulation Solutions to Increase EMotor Efficiency in Downhole Applications
Victoria Lee, PhD | Application Development Electrification Initiative Global Leader, Solvay

Automation for Rubber Testing and Development
Khaled Boqaileh | CEO, LabsCubed

Introduction to API RP 6J, Second Edition:Testing of Oilfield Elastomers
Xuming Chen | Principle Engineer, Schlumberger

The Data Dilemma - Can Seal Test Data be used to Further Product Development Efforts?
Travis Wernecke | Senior Data Analyst, ADV Integrity

EU REACH PFAS Restriction Proposal
Carrie McMichael | Global Product Stewardship Manager, Solvay
Boris Makhinson | Materials Segment Americas Market Manager - Energy, Solvay

JIP Update: HNBR Chemistry in Short Term Sour Aging
Buc Slay | CTO, Alpine Polytech

Oil & Gas Market Update
Boris Makhinson | Materials Segment Americas Market Manager - Energy, Solvay

EU REACH PFAS Restriction Proposal
Jesse B. Thompson III | Senior Business Economist, Federal Reserve Bank of Dallas

Predicting Performance through the Lens of Viscoelasticity
Richard Hanzlik | Applications Engineer, Alpha Technologies

Polymers and Composites for Energy Industry - An Operators Perspective
Nitin Vaidya | Global Subject Matter Expert - Nonmetallics, Shell








1. Victoria Lee 2. Khaled Boqaileh 3. Xuming Chen 4. Travis Wernecke





Andy Anderson



Jeremy Austin



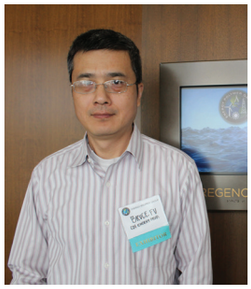
Taylor Boyle



Eric Bucci



Sean Djuricic



Bruce Fu



Charlie Pitts



Brendan Rodgers



Radhe Sharma



Roshan Upadhyay

TABLE EXHIBITORS

WINTER TECHNICAL MEETING











Top: Jason LaBorde, David Lavanga, Dale Whiteman, Navid Yeasin
Left: Kristene Kainer, Kelli Robinson
Below: Jeff Bahr, Neal Ferguson





1. Thomas Barton, JR Nordstrom 2. Andy Chang, Chris Hudson 3. Shane Michael Michalcik, Austin Toys, Kelly Rankin, Patrick Prosser, Jennifer Lyons, Dalton Etherington 4. Wasif Khan, Khurrum Anees

> “It is not just about tech; it’s about the human connection that sparks innovation”



John Meser





Samuel Abiodun & Ethan Hemme





Steven Jagels



1. Timothy Schumann, Richard Hanzlik 2. Kevin Plunkett, Sherry Adams, and Jigarkumar Desai 3. Joe Schaffer, Mike Trivisonno



Tim Burrow, Jose Gonzales, Sean Djuricic



Karen Garay, Gary Stephan Kyker, Michael Salerno



Clay Barton & Joe Schaffer



Mike Trivisonno, John Meser



Audra Tanuz & Jennifer Lyons



Jared Tousek & Allen Cerny



Sherry Adams & Lonnie Helms



Keith Miller, Kelly Rankin



Steve Chase, Will Chase, John Foster



Frank Olmos, Samia Jayed, Charlie Pitts, Scott Meng



Ming Yu Huan, Neil Mendes, Robert Ou, Betty Huang, Jay Yun, Xuming Chen, Victor Nasreddine



Ed Landry, Charlie Pitts



Sean Djuricic & Irene Yurovska



Wayne Yowell, James Edward Goodson



Joe Borski & Wayne Yowell,



Ty Cobb & Robert Bohmer



John Reyes, Andy Anderson



Audra Tanuz & Sherri Matthews





Khaled Boqaileh & Jessica Mattison

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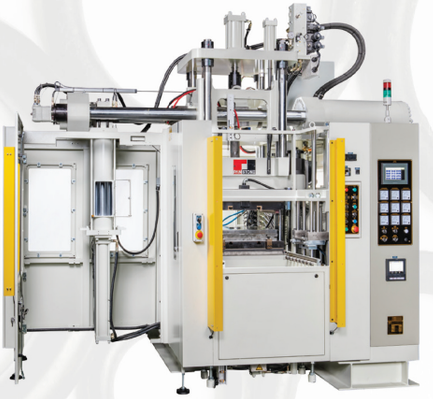
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EPG SUMMER SOCIAL

THURSDAY, AUGUST 10, 2023



Gabriel Morales, Roy Howard, Frank Olmos, Piotr Galitzine



Derrick Dumoit, Amber Sheikh, Moe Abdallah, Jeremiah Turner

The EPG Summer Social was held in Houston at the Moonshine Deck in August. It was a vibrant, networking event, providing a blend of professional connection and relaxation. Sponsored by Utex and Wabtec, esteemed gold sponsors, the soirée offered an opportunity to gather and connect during the summer months between the Winter and Fall Meetings.



Neil Mendes & Jay Yun



Warren Jones, Enzo Savino, Carlos Fernandez Lopez

1. Dale Whiteman, Nikita Ridgway

2. Neil Mendes, Swaroop Sosale

3. Jerome Maugey, Sebastien Viale, and Neal Ferguson







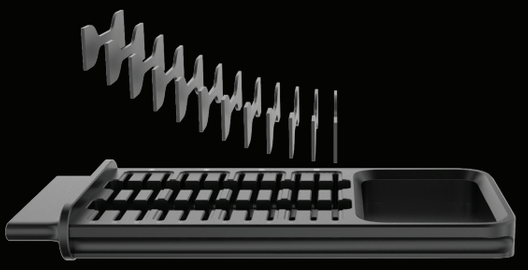
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STEP 2: PLACE TRAY IN THE MACHINE AND PRESS START



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- Tom Roberts, HEXPOL Compounding Americas Director of Quality

MEMBERSHIP FACT SHEET

282 MEMBERS **165** COMPANIES **7** MEETINGS

6 PARTNER SPONSORS **8** ANNUAL SPONSORS

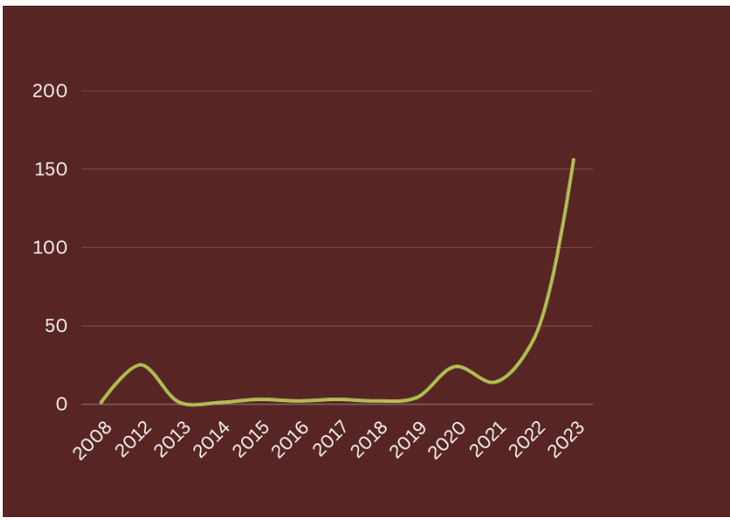
COUNTRIES REPRESENTED



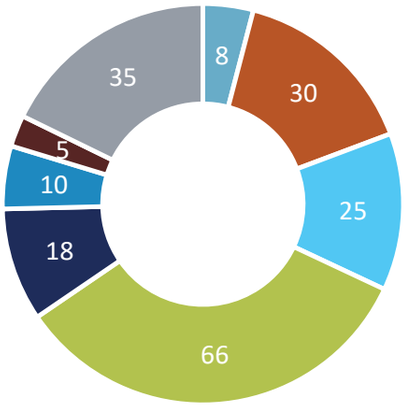
MEMBERS BY STATE

Arizona	1	Minnesota	1
California	11	Missouri	1
Colorado	2	Mississippi	2
Connecticut	4	New Jersey	3
Delaware	4	New York	1
Florida	2	Ohio	20
Georgia	6	Oklahoma	8
Illinois	5	Pennsylvannia	7
Indiana	3	South Carolina	2
Kansas	1	Tennessee	4
Kentucky	4	Texas	172
Louisiana	1	Utah	1
Michigan	2		

MEMBER JOIN DATE



MEMBERS BY JOB FUNCTION

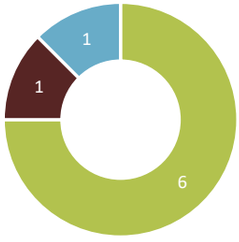


- C-Suite
- Leadership
- Management Team
- Not Specified
- Other
- Scientist
- Support
- Technical Professionals

TOP EMPLOYERS

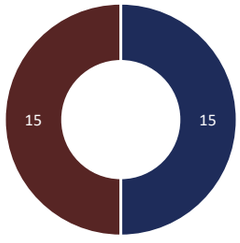
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CDI Products
Schlumberger
James Walker
Material & Design Solutions
Zeon Chemicals LP
D&L Oil Tools
Parker Hannifin
Solvay
Vanderbilt Chemicals, LLC

C-SUITE



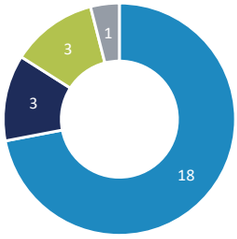
- Chief Executive Officer
- Chief Technical Advisor
- Chief Technical Officer

LEADERSHIP



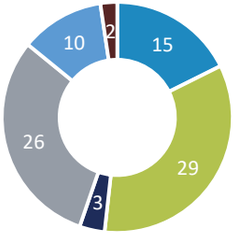
- President
- Vice President

MANAGEMENT TEAM



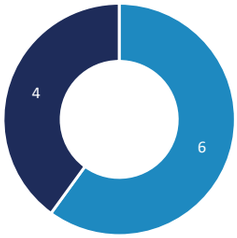
- Director
- Executive
- Leader
- Supervisor

MANAGERS



- Account Manager
- Manager
- Product Manager
- Sales Manager
- Technical Manager
- Technology Manager

SCIENTISTS



- Chemist
- Scientist

TECHNICAL PROFESSIONALS



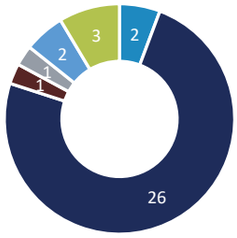
- Owner
- Professor
- Representative
- Retired
- Specialist

SUPPORT TEAM



- Assistant
- Associate
- Coordinator

OTHER



- Consultant
- Engineer
- Principal
- Service
- Technician
- Technologist

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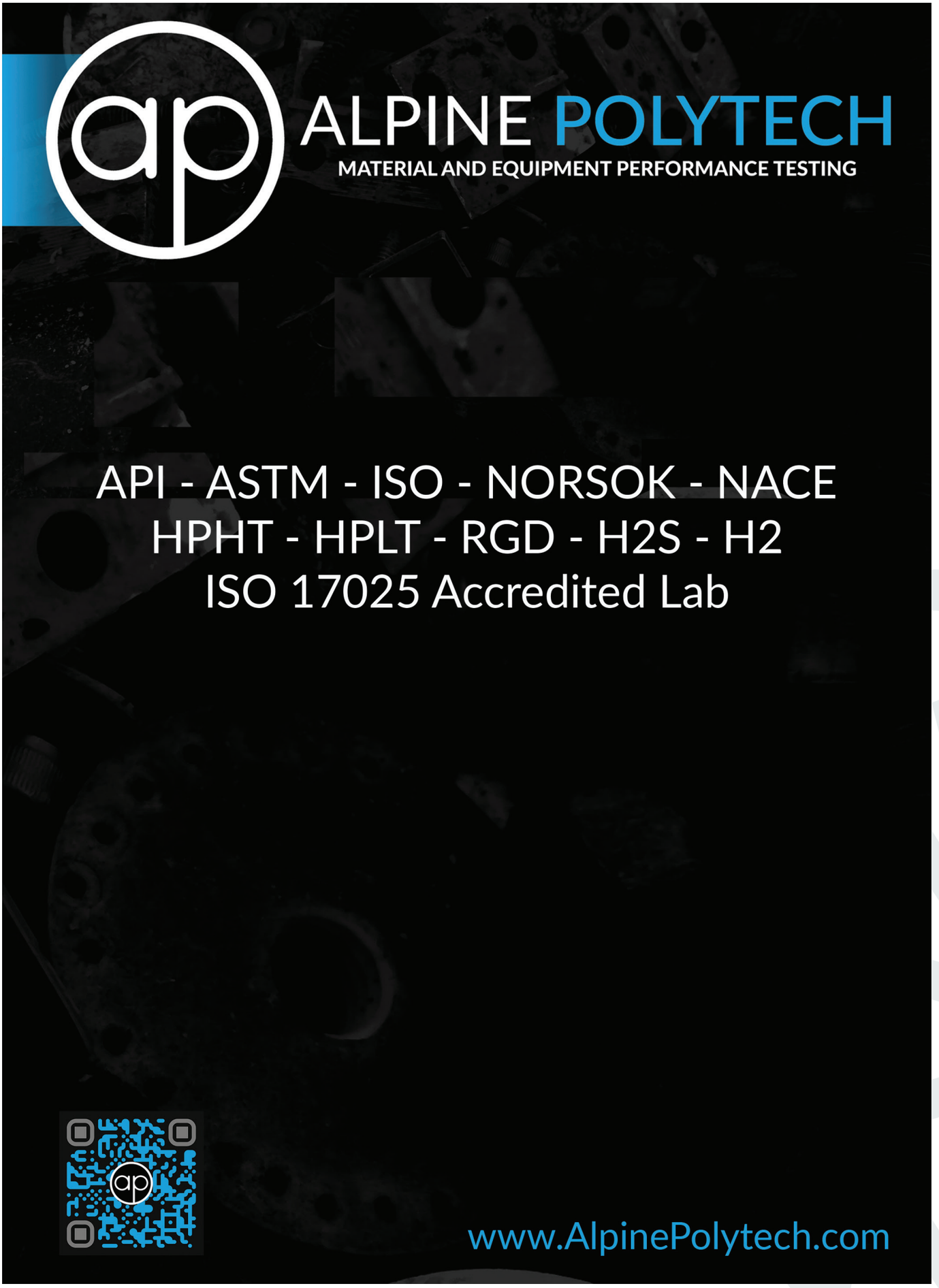


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WELCOME RECEPTION

FALL MEETING







1. Emilio Visaez, Jeremy Johnson, McKenzie Bagan, Steve Jagels 2. Khaled Boqaileh, Kim Stefanisin, Shazad McWhirter 3. Shawn Xu, Erick Sharp, Guyth Abouyouniss

The Fall Meeting kicked off with a warm Welcome Reception, providing an excellent opportunity for members to network and reconnect with familiar faces and new industry professionals. This three-day event, held in the vibrant city of San Antonio, Texas, featured a dynamic lineup of activities, including the Educational Symposium, Technical Meeting, Golf Tournament, and culminated with the grand Fall Dinner. It was a gathering that brought together expertise, camaraderie, and invaluable connections for all participants.



Jim Goodson, Neal Ferguson, Jason LaBorde, Neil Mendes, Daniel Lowery



Buc Slay & Kristene Kainer



FALL EDUCATIONAL SYMPOSIUM

TUESDAY-WEDNESDAY, SEPTEMBER 12-13, 2023

On September 12-13, 2023, the EPG Fall Educational Symposium, hosted at the Hilton Palacios del Rio in San Antonio, Texas, was a resounding success, drawing in 65 attendees. This event brought together professionals at the forefront of materials selection, addressing the chanllenges posed by H2S, exploring additive manufacturing of polymers, and tackling the complexities of PFAS. Distinguished speakers, including Eric Crawford, Nicki Hershberger, and Michael Meade, shared their expertise, contributing to the intellectual richness of the symposium. The symposium seamlessly blended intellectual discourse with networking opportunities, culminating in a golf tournament and the EPG Fall Dinner, fostering valuable connections and collaboration among attendees.

DAY 1:
Tuesday, September 12

SESSIONS:

Application Based Material Selection: A Designer's View
Preston Weintraub | Senior Project Engineer - Seals, Weatherford US LP

H2S
Eric Crawford | Lead Engineer, James Walker

Design Considerations for Selective Laser Sintering of Polymers
Noha Peter | Applications Team Lead Polymers, EOS North America

Sustainability in Elastomers - Focus in Oil and Gas
Nicki Hershberger | Compound Development Manager, ARDL

Application of Digital Engineering in Polymer Engineering
Alistair Gill | Technical Manager - Digital Engineering, Element Materials Technology

Fluids Management Applications with Superabsorbent Polymers
Whit Rawls, P.E. | Sales Engineer, Zappa-Stewart / Chase Corp.

DAY 2:
Wednesday, September 13

SESSIONS:

Computational Modeling of Elastomer Seals
Arun Sreeranganathan | Principal, Stress Engineering Services

PFAS & the Future of Fluoropolymers
Boris Makhinson | Materials Segment Americas Market Manager - Energy, Solvay

Participate in the PFAS Dissusion Panel
Enzo Savino | ConocoPhilips
Tim Bremner | Materials Technology Director, AST
Steve Risotto | Senior Director, ACC



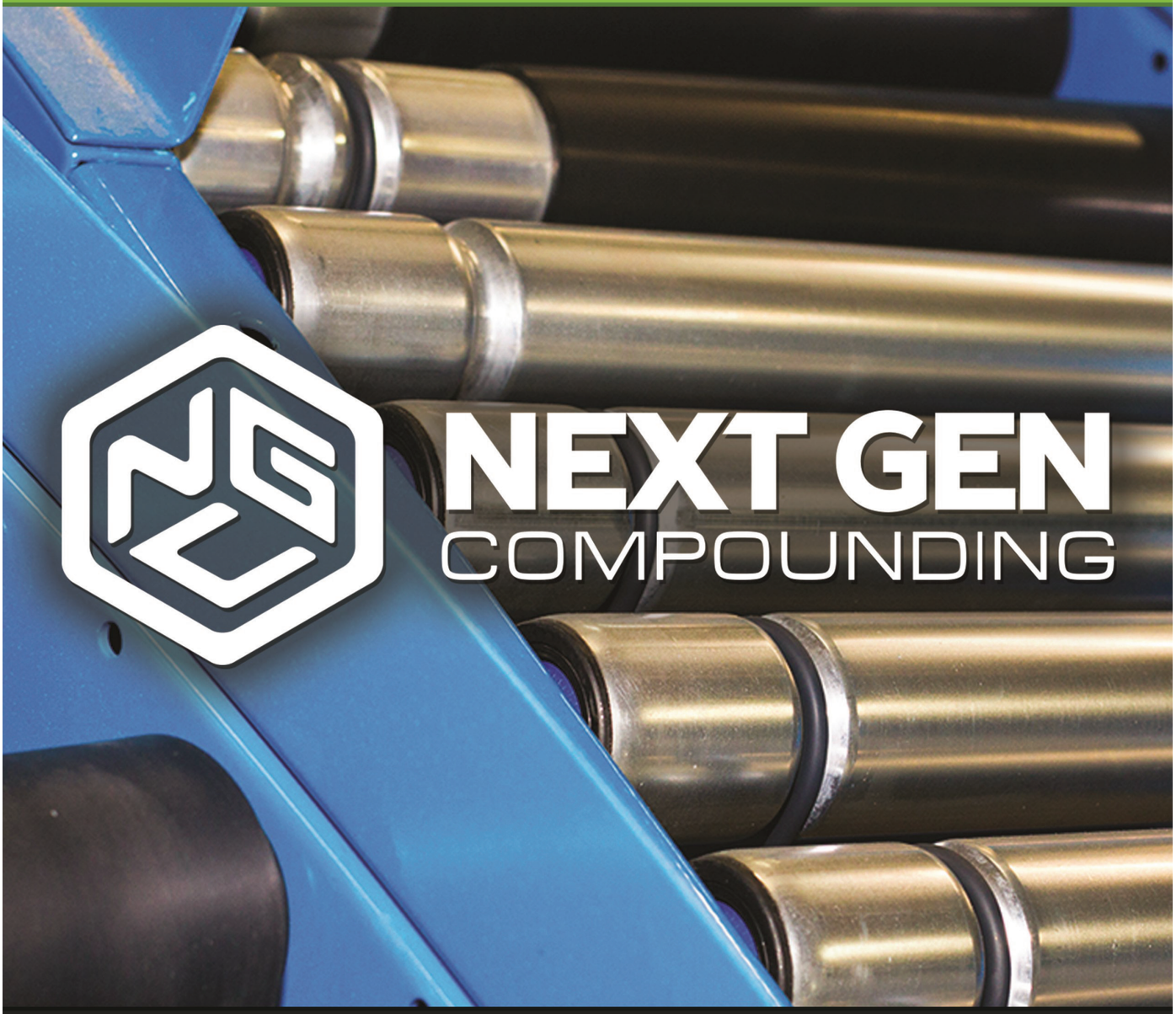








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FALL TECHNICAL MEETING

THURSDAY, SEPTEMBER 14, 2023

The EPG Fall Technical Meeting, held on September 14, in San Antonio, served as a dynamic contination of the preceding two-day symposium. With an impressive attendance of 126 professionals, the event provided a platform for continued exploration and collaboration in the realm of technical advancements. Ed Landry from UTEX Industries and Jason LaBorde from AGC Chemicals Americas skillfully moderated the proceedings, guiding participants through a day of insightful discussions and interactions. The meeting not only solidified the symposium's impact but also amplified the exchange of knowledge and ideas within the community, reaffirming EPG's commitment to fostering innovation and excellence in the field.

SESSIONS:

New Polymer Grade of Ryton® PPS for Electrostatic Powder Coating
Mehdi Emad | Customer Technical Development Engineer Energy, Solvay Specialty Polymers

Measurement of the Hydrogen Permeation through Polymers at High Pressure
Jeff Ellis | Senior Technology Leader, EWI

PFAS and Fluoropolymers - An Update
Stephen Risotto | Senior Director, American Chemistry Council

Energy Market Update
Neil Mendes | CEO, Alpine Polytech

Low Temperature Characterization of Carbon-Filled HNBR Material and the Influence of Pressure on the Low Temperature Glass Transition Point
Himanshu Verma | VP Non Metallic Materials, Rubberatkins

AFLAS with Molecular Rebar
August Krupp | Director - MR Rubber Business, Molecular Rebar Design, LLC

Elastomer Nanocomposites for Oil and Gas Applications
Brendan Rodgers | Engineer, ELL Technologies LLC

Working Towards Sustainable Materials in the Engineering Polymers Portfolio
Tim Bremner | Materials Technology Director, Advanced Sealing Technologies

> "Do not be intimidated by the old timers. They are just as shy as you are and just waiting for you to break the ice. Start a conversation with any of them and you'll soon learn it is next to impossible to shut them up!"
>
> - ERIC BUCCI



Arun Sreeranganathan



Michael Meade & Giovanni Dall'olic



Mehdi Emad



Tim Bremner, Steve Risotto, Giovanni Dall'olio, Enzo Savino

"Thank you, speakers, for illuminating our minds and fueling the journey of knowledge at our event."



Whit Rawls



Himanshu Verma



August Krupp



Neil Mendes

TABLE EXHIBITORS

FALL MEETING



AGC: Navid Yeasin, Dale Whiteman, David Lavanga



Labscubed: Khaled Boqaileh & Guyth Abouyouniss



Ace Laboratories: Erick Sharp



Hybrid: Joseph Lichtenhan



MonTech: McKenzie Bagan



ARDL: Rob Hershberger & Nicole Hershberger



Wabtec:Clay Barton





1. Lianda: Stephen Harsch & Shawn Xu 2. HM Royal: Steven Jagels







1. TA Instruments: Louis Waguespack and Mike Trivisonno 2. Lintech International: Thomas Barton
3. CDI Products: Kristene Kainer



GOLF TOURNAMENT

FALL MEETING

On September 13, the EPG Golf Tournament brought a day of excitement to the Fall Meeting. Under partly cloudy skies, players embraced the perfect weather for a round of golf at The Quarry Golf Club. The tournament provided a fresh break from the confines of the conference rooms, with participants divided into teams, ready to showcase their golfing skills and teamwork. As the golf balls soared through Texas skies, the atmosphere was filled with the laughter and competitiveness of friends and colleagues enjoying the opportunity to connect in the fresh air, fostering both professional and personal connections. It was a day where work and play beautifully converged, creating lasting memories and reinforcing the value of balance in our lives.

Thank you to all the players who came out!







> “EPG’s Golf Tournament was a swinging success, reminding us that sometimes the best meetings are on the fairways”





























FALL DINNER

FALL MEETING

The Fall Dinner at the Fall Meeting served as the perfect finale, capping off a series of engaging sessions, insightful panel discussions, and a spirited golf tournament. As attendees savored the last moments of the event, it marked not only the end of the year but also the anticipation for what lies ahead at the 2024 Spring Tech Meeting. Here's to the connections made and the knowledge shared, echoing into the future of innovation and collaboration.

> "I enjoyed the community at the EPG dinner on the San Antonio Riverwalk. It provided an opportunity to mingle with groups and speakers from both the educational and technical meetings."
>
> - NIKITA RIDGWAY







Mark Bell, Jim Goodson, Omid Nabinejad, and Enzo Savino



Audra Tanuz, Jessica Mattison, Neil Mendes, Rick Andersen, Brad Daggett, Charlie Pitts



Neil Mendes & Alistair Gorrie



Bobby Richter, Rick Anderson, Bud Rahal





Andy Anderspn, Dan Murphy, Irene Yurovska

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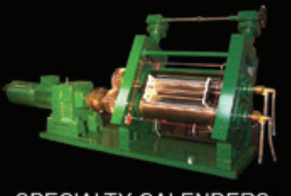

PRODUCTION MIXERS


BALE CUTTERS


LAB MIXERS

PRODUCTION EQUIPMENT

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- Hydraulic Presses (Compression & Transfer)
- Calenders: 2, 3, & 4 Roll
- Extruders/Strainers
- Intensive Mixers (Banbury® & Kneader Type)
- Bale Cutters (New)


SPECIALTY CALENDERS

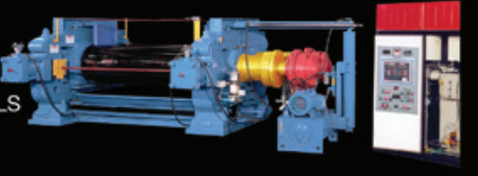

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LAB BENCHTOP CUTTERS

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- Hydraulic Presses (Compression & Transfer)
- Calenders: 2, 3 & 4 Roll
- Extruders/Strainers
- Bale Cutters (New)


EXTRUDERS/STRAINERS


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2023 MEETING FACT SHEET

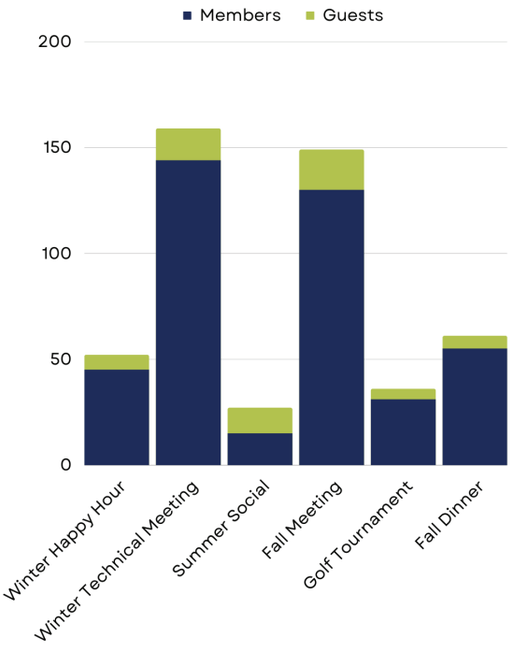
3 HAPPY HOUR RECEPTIONS

2 TECHNICAL MEETINGS

1 EDUCATIONAL SYMPOSIUM

1 GOLF TOURNAMENT

2023 MEETING ATTENDANCE





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