MOST INNOVATIVE USE OF PLASTICS
AWARDS NOMONATIONS
Due September 6, 2019

Categories include:
• Limited Edition/Specialty Vehicles and Aftermarket
• Additive Manufacturing
• Body Exterior
• Body Interior
• Chassis/Hardware
• Environmental
• Hall of Fame
• Materials
• Process, Assembly & Enabling Technologies
• Powertrain
• Safety

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MEETING SCHEDULE & SPECIAL EVENTS CALENDAR

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ACCE Parts Competition - Abstract Deadline June 30, 2019
TPO Paper/Presentation Deadline July 12, 2019
ACCE Parts Competition - Paper/Presentation Deadline July 30, 2019
SPE Auto. Div. Board Meeting
American Chemistry Council - Auto. Ctr. 5:30 - 7:30 p.m.
Troy, MI USA August 19, 2019
SPE Ron Price Memorial Golf Outing
Fieldstone Golf Club, Auburn Hills, MI USA 8:30 a.m. - 4:00 p.m.
September 3, 2019
19th-Annual SPE Automotive Composites Conference & Exhibition (ACCE) ALL DAY
Suburban Collection Showplace, Novi, MI USA Sept 4-6, 2019
IAG Parts Nomination Deadline September 6, 2019
First Round - Automotive Innovation Awards Judging
Celanese Corp. 8:00 a.m.- 5:00 p.m.
Auburn Hills, MI USA September 26-27, 2019
Second Round / Blue Ribbon - Automotive Innovation Awards Judging
Celanese Corp., Auburn Hills, MI USA 8:00 a.m.- 5:00 p.m.
October 4, 2019
21st-Annual SPE TPO Automotive Engineered Polyolefins Conference (TPO) ALL DAY
Detroit-Troy Marriott, Troy, MI USA October 6-9, 2019
SPE Auto. Div. Board Meeting
American Chemistry Council - Auto. Ctr. 5:30-7:30 p.m.
Troy, MI USA October 21, 2019
49th-Annual SPE Automotive Innovation Awards Gala
Burton Manor 5:00-11:00 p.m.
Livonia, MI USA November 6, 2019
SPE Auto. Div. Board Meeting
American Chemistry Council - Auto. Ctr. 5:30 - 7:30 p.m.
Troy, MI USA December 9, 2019

Automotive Division Board of Directors meetings are open to all SPE members. All events are listed on our website at http://speautomotive.com

Email Dave Helmer at auto-div-chair@speautomotive.com for more information.
Finally, Summer is upon us and hopefully the rain breaks occasionally for us to enjoy a little sunshine.

ANTEC 2019 was held local this year at the Detroit Marriott on March 19-21st. The Automotive Session was well represented with 19 presentations in 3 sessions on Monday and Tuesday. Thank you to Dr. Norm Kakarala and Tom Pickett for being the Technical Co-Chairs and being the moderators. Thank you also to Dr. Suresh Shah, Dr. Alper Kiziltas, and Keith Siopes for recruiting presentations.

ANTEC 2019 was not only a great technical conference but also helped in leadership, networking, and exposure with the other divisions/sections. The leadership forum shed light on upcoming requirements and changes from headquarters. Additionally, the Automotive Division through submission to the Industry Awards Gala had winners in Protecting Life Category: Integrated Tire Carrier, Rear Camera & Brake Light Assembly on the 2018 Jeep Wrangler and Grand Prize Category: 2019 Sierra LD Thick Light Bar, Quality of Life Category.

On April 3-5th, the China TPO Conference occurred in Shanghai China. This was the first year that the China TPO Conference was sponsored by Automotive Division. Overall, the conference was successful and provided many learnings for 2020 which the Automotive Division unanimously agreed to support. Thank you to Dr. Norm Kakarala and Dr. Sassan Tarahomi for championing this event.

On May 7th, AutoEPCON was held at the Troy Marriott. AutoEPCON focuses on the use of all plastic innovative applications in automotive. The AutoEPCON was very successful packing 26 papers and 4 keynotes into a one day schedule.

The Ron Price Automotive Division Golf Outing will tee up on September 3rd at Fieldstone Golf Club in Auburn Hills. This will be the first year the golf outing will have added Ron Price to its name. Ron unfortunately passed last year but we will celebrate his energy, passion, and commitment to SPE.

On September 4-6th, the ACCE (Automotive Composites Conference and Exhibition) will occur in the Diamond Banquet & Conference Center at the Suburban Collection Showplace. As composites have grown in the automotive industry, the ACCE has shown tremendous growth to keep up with the ever changing composites market. Thank you to Dr. Alper Kiziltas and Matt Carroll for co-chairing this event.

I hope you find the time to participate in our upcoming events. Even though only a few people are mentioned above, thank you to all the volunteers involved to make SPE Automotive Division events great. At any time, if you have ideas on how to make our division better or would like to volunteer, do not hesitate to contact me at auto-div-chair@speautomotive.com.

Thank you,

Dave Helmer
The Automotive Division of the Society of Plastics Engineers (SPE®) is expanding the aftermarket category to include limited edition and specialty vehicles. "New plastic technologies are enabling creative low-volume applications on limited edition vehicles, police cruisers, emergency vehicles, heavy truck applications and aftermarket parts and components," said Dr. Jeffery Helms, global automotive sales director – engineered materials, Celanese and SPE Automotive Innovation Awards Gala chair. "Expanding the aftermarket category to include these low-volume applications will showcase plastic innovation in these areas while demonstrating how plastics are now also a practical and cost-effective manufacturing solution," added Helms.

This year’s Awards Gala will be held Wednesday, November 6, 2019 at the Burton Manor in Livonia, Mich. Winning part nominations (due by September 6, 2019) in 10 different categories, and the teams that developed them, will be honored with a “Most Innovative Use of Plastics” award. A “Grand Award” will be presented to the winning team from all category award winners. An application that has been in continuous use for 15 years or more and has made a significant and lasting contribution to the application of plastics in automotive vehicles will be honored with a “Hall of Fame” award. Nominations must be submitted online via:


"Polymer technologies are advancing mobility by enabling mass savings, greater design flexibility, enhanced performance and more," said Jeffrey Helms, global automotive sales director, Celanese, who returns as the 2019 SPE Automotive Innovation Awards chair. “This led to the selection of Plastics -> Advancing Mobility as our 2019 program theme. Plastics technologies are enabling automakers to provide the advanced performance and comfort features their customers want while meeting global regulatory and affordability targets. Plastics and composites are the leading material solution for automotive applications today and will be used even more in the future with the growth of autonomous vehicles with advanced communications and connectivity,” added Helms.

Since 1970, the SPE Automotive Innovation Awards Competition has highlighted the positive changes that polymeric materials have brought to automotive and ground-transportation industries, such as weight and cost reduction, parts consolidation, increased safety, and enhanced aesthetics and design freedom. At the time the competition started, in 1970, many OEM designers and engineers thought of plastics as inexpensive replacements for more “traditional” materials. To help communicate that plastics were capable of far more functionality than their typical use as decorative knobs and ashtrays indicated, members of the board of directors of SPE’s Automotive Division created the competition to recognize successful and innovative plastics applications and to communicate their benefits to OEMs, media, and the public.

Over the years, the competition drew attention to plastics as an underutilized design tool and made the industry aware of more progressive ways of designing, engineering, and manufacturing automotive components. From its humble beginnings, the competition has grown to be one of the most fiercely contested recognition events in the automotive and plastics industries.
Today, polymeric materials are no longer substitutes for more expensive materials, but rather are the materials of choice in hundreds of different applications throughout the vehicle. Without plastics, many of the auto industry’s most common comfort, control, and safety applications would not be possible.

During the competition phase of the event, dozens of teams made up of OEMs and suppliers work for months to hone submission forms and presentations describing their part, system, or complete vehicle module to support claims that it is the year’s “Most Innovative Use of Plastics.” To win, teams must survive a pre-competition review and two rounds of presentations before industry and media judges.

There is no cost to nominate parts; however, nominations that are accepted into the competition need to be presented (in person or via webinar) by their nominating teams during the first round of Automotive Innovation Awards Competition judging, September 26 – 27, 2019 in Auburn Hills, Michigan. Finalists from that round advance to a second presentation before a panel of Blue Ribbon judges made up of media, retired chief engineers, and other industry experts on October 4, 2019 (also in Auburn Hills, Michigan). Winners of each part category, the Grand Award, Hall of Fame, and Lifetime Achievement winner will all be honored during the Automotive Innovation Awards Gala on November 6, 2019. This annual event currently draws over 800 OEM engineers, automotive and plastics industry executives, and media. Funds raised from the event are used to support SPE educational programs including technical seminars and conferences, which help educate and secure the role of plastics in the advancement of the automobile.

The mission of SPE is to promote scientific and engineering knowledge relating to plastics worldwide and to educate industry, academia, and the public about these advances. SPE’s Automotive Division is active in educating, promoting, recognizing, and communicating technical accomplishments in all phases of plastics and plastic-based composite developments in the global transportation industry. Topic areas include applications, materials, processing, equipment, tooling, design, and development.

For more information about the SPE Automotive Innovation Awards Competition and Gala see www.speautomotive.com.

For more information on the Society of Plastics Engineers, see www.4spe.org.

Shown above are members of the team that developed last year’s Grand Award and Powertrain category winner – the Vacuum Generation System for Brake Assist on the 2017 Ford F-150 pickup from Ford Motor Co.

Attn: Editors: A high resolution version of the photo above is included with the email distribution of this press release. A large collection of SPE Automotive Division digital photography is also available for download at: https://www.flickr.com/photos/speautomotive/albums

Contact Teri@intuitgroup.com for assistance with photos.

* SPE is a registered trademark of the Society of Plastics Engineers. All other trademarks are the property of their respective owners.
The Automotive Division of the Society of Plastics Engineers (SPE®) is announcing a “Call for Nominations” for its 49th-annual Automotive Innovation Awards Gala, the oldest and largest recognition event in the automotive and plastics industries. This year’s Awards Gala will be held Wednesday, November 6, 2019 at the Burton Manor in Livonia, Mich. Winning part nominations (due by September, 6, 2019) in 10 different categories, and the teams that developed them, will be honored with a Most Innovative Use of Plastics award. A Grand Award will be presented to the winning team from all category award winners.

SPONSORSHIP OPPORTUNITIES
This annual event currently draws over 800 OEM engineers, automotive and plastics industry executives, and media. A variety of sponsorship packages - including tables at the banquet, networking receptions, advertising in the program book, signage at the event and more are available. Contact Teri Chouinard of Intuit Group at teri@intuitgroup.com.

For more info and to submit nominations, go to: www.speautomotive.com/innovation-awards-gala.
The Automotive Division is in sound financial condition as Fiscal Year 2018 comes to a close. While it appears revenue over expenses will fall short of budget, I’m pleased to say it’s for good reason. As a non-profit organization passionate about our mission to advance automotive plastics technology globally and encourage education & research (especially by supporting students wishing to pursue careers in plastics), conscious decisions to “overspend” our budget allowed us to:

• Provide travel stipends and additional scholarship money to a record number of students participating in the 2018 ACCE Poster Competition

• Initiate a new “Quiz Event” at the ACCE, pairing mentors and OEMs with students (also of benefit to exhibitors)

• Increase support from $10k to $20k for the SPE/Lawrence Technological University Transportation Design Projects Competition Scholarship

• Expand our global reach by taking the lead on sponsoring a TPO Conference in Shanghai

On the administrative side, spending was held in check and accounts receivable are at an acceptable level; detailed financial reports are available upon request. Budgeting for FY2019 is underway with an expectation that sponsors will be even more discerning when making future commitments. Please know that the Automotive Division relies solely on support from our sponsors to fulfill our missions. We’re anxious to be good partners and earn your pledge of support, so please let us know your ideas!

As of June 11, 2019, the division’s account balances were:

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Gerhard Claussen
305 699 3130
gerhard.claussen@elix-polymers.com
The executive planning committee for the SPE® Automotive Composites Conference & Expo (ACCE) is announcing the first keynote speaker for their 19th annual event September 4 – 6, 2019 at the Suburban Collection Showplace in Novi, Mich. in the Detroit suburbs.

Dr. Cynthia Flanigan, Chief Engineer, Vehicle Research & Technology at Ford Motor Company, will present “Driving Automotive Materials Forward”. The presentation will outline how the growth of the automotive industry, current policy frameworks and R & D efforts encourage the use of cost-effective, lightweight, sustainable and advanced materials for automotive applications. Pioneering developments of sustainable and advanced materials by Ford scientists including nanocomposites, aerogels, natural fiber reinforced composites, polymeric and soft materials made from renewable feed stocks, 3-D printed plastic parts, bio-inspired and patterned functional materials as well as plastic parts made from recycled carbon dioxide will be featured. “Composites technology innovations are driving advancements in automotive lightweighting and sustainability,” said Flanigan. “Research and development with industry partners will accelerate continuous improvement as the industry moves forward," added Flanigan.

In addition to daily keynote presentations, the three-day ACCE features approximately 80 technical presentations, 2–3 panel discussions, and over 100 sponsors with approximately 80 exhibiting advances in materials, processes, and equipment for both thermoset and thermoplastic composites in a wide variety of transportation applications. Daily networking breakfasts, lunches and cocktail receptions enhance the value of the event that attracts over 900 attendees worldwide. The Automotive and Composites Divisions of the Society of Plastics Engineers (SPE®) jointly produce the ACCE to educate the industry about the benefits of composites in automotive, light and heavy-duty truck, off-highway vehicles and other ground transportation applications.

The technical presentations (30 minutes each) are organized into the following categories: Advances in Thermoplastic Composites, Advances in Thermoset Composites, Virtual Prototyping, Testing & Modeling, Reinforcement Technologies, Additive Manufacturing & 3D Printing, Nanocomposites, Enabling Technologies, Sustainable Composites, Bonding, Joining & Finishing, Opportunities & Challenges with Carbon Composites and Business Trends & Technology Solutions.
“Composites – Forming the Future of Transportation Worldwide,” is the theme for this year’s event reflecting the growing global interest transportation OEMs have in learning about the latest plastic composites technologies. The 2019 ACCE is co-chaired by Dr. Alper Kiziltas, lead research scientist, Ford Motor Company and SPE Automotive Div. vice-chair & education committee chair and Matthew E. Carroll, materials engineering, General Motors Company and former SPE Automotive Div. chair. The technical program is co-chaired by Dr. David Jack, associate professor, Mechanical Engineering at Baylor University and Dr. Leonardo Simon, professor, Chemical Engineering at Waterloo University.

ABOUT CYNTHIA FLANIGAN

Dr. Cynthia Flanigan, Chief Engineer, Vehicle Research & Technology at Ford Motor Company will present a keynote titled “Driving Automotive Materials Forward,” at this year’s SPE® Automotive Composites Conference & Expo (ACCE) September 4 – 6, 2019 at the Suburban Collection Showplace in Novi, Mich. in the Detroit suburbs.

Cynthia has received several key awards such as the R&D100, the SAE International Environmental Excellence in Transportation Award, the Henry Ford Award and several SPE Automotive awards. Dr. Flanigan has been awarded 7 U.S. patents and 2 international patents for bio-product and elastomers discoveries, has published over 35 external publications, and co-authored two book chapters. In 2015, she was an invited council member for the LAUNCH program, sponsored by U.S. Department of State, NASA, USAID and Nike, and has recently served as the Chair for the Industrial Advisory Board of CenTire, Tire Research Center located at Virginia Tech.

Cynthia is currently a Board Member for Society of Plastics Engineers, Automotive Division and received recognition as one of the 2017 Automotive News’ Rising Stars in the Automotive Industry. Cynthia received Materials Science and Engineering degrees from M.I.T. (B.S.) in Cambridge, Massachusetts and Northwestern University (Ph.D.) in Evanston, Illinois.

For more information on the Society of Plastics Engineers, see www.4spe.org.
There is no cost to nominate, although it is only open to conference participants (whether speakers, attendees, or sponsors/exhibitors).

Nominations may be submitted by an automaker or registered conference attendee/sponsor/exhibitor. Parts may be OEM or Aftermarket on a vehicle available for commercial sale anywhere in the world, or a development/prototype demonstrating a significant advancement in composites technology. Parts and/or prototypes can be for passenger car, light truck or heavy truck applications.

Parts will be reviewed by a group of judges from the SPE ACCE organizing committee. These judges will pick 2 winners in Materials Innovation (1 from the Production Part Category/Part on a Vehicle, and 1 from the Prototype Category) and 2 winners in Process Innovation (1 from the Production Part Category/Part on a Vehicle, and 1 from the Prototype Category). An additional prize, the People’s Choice award, will be selected by vote of conference attendees. The People’s Choice will be from the Prototype or Production Part Category – there will only be 1 People’s Choice Winner. Winners will be announced on the last day of the event. Winning nominating parties will be honored with a trophy.

Nominations will be judged on the impact and trendsetting nature of the application, including materials of construction, processing method, assembly methods, and other enabling technologies that made the application possible. Nominations should also emphasize benefits of design, weight and cost reduction, parts consolidation, functional integration, and improved performance.

Nomination abstracts (Brief descriptions 30 words approx.) are due June 30, 2019 and final write-ups are due July 30, 2019 via email to teri@intuitgroup.com and parts must be present at the SPE ACCE and available for final review by judges at the show on Sept. 4, 2019. There will be a formal walk-through of judges during the SPE ACCE to review parts. Final decisions will be made during the conference.

SPE ACCE PARTS COMPETITION

Nomination Instructions

1. Note Part Category (A. Materials Innovation: Production Part or Prototype B. Process Innovation: Production Part or Prototype). Include Name of Part, Part Description & Photo.

2. Describe the Most Innovative Features of the Part. (Include additional photos if applicable).

3. Describe the Material and/or Process Innovations, Weight savings, Cost savings, Performance improvements, Safety improvements, Functional improvements, Integration & Environmental Benefits, and any additional innovative benefits. Include Photos, graphs and/or charts, etc. if applicable.

4. OEM, Make & Model Year of Vehicle, Where Part is used, or will be used, if available.
5. Materials of Construction (resin, reinforcements, additives or other interesting aspects).

6. Resin Supplier/Reinforcement Supplier / Other Key Material Suppliers.

7. Processing Methods used to Produce Part (how it is molded, how it is assembled, how it is finished) Include Photos and/or drawings if applicable.

8. Molder/Tier Integrator Who Produces Part.

9. Optional: Provide any additional background information, or other information that further describes the innovative nature of your part nomination.

10. Name of Organization Submitting Nomination and Contact info for Part Champion.

ABOUT THE SPE ACCE

Held annually in suburban Detroit, the ACCE draws over 900 speakers, exhibitors, sponsors and attendees and provides an environment dedicated solely to discussion, education and networking about advances in transportation composites. Its global appeal is evident in the diversity of exhibitors, speakers, and attendees who come to the conference from Europe, the Middle East, Africa, and Asia/Pacific as well as North America. About one-third of attendees work for automotive and light truck, agriculture, truck & bus or aviation OEMs and another 25% represent tier suppliers. Attendees also work for composite materials processing equipment, additives, or reinforcement suppliers; trade associations, consultancies, university and government labs; media; and investment banks. The show has been jointly produced by the SPE Automotive and Composites Divisions since 2001.

DRIVING IMPACT

Some see an instrument panel. We see a product of collaboration. A light, strong and rigid part, which can cost less to manufacture. We also see an opportunity seized. To deliver the enabling thermoplastic materials, design support, and expertise that can make advancement possible. For our customers, and for theirs.

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ATTEND THE WORLD’S LEADING AUTOMOTIVE COMPOSITES FORUM  You’re invited to attend the 19th Annual SPE Automotive Composites Conference and Exhibition (ACCE), **September 4-6, 2019** at the Suburban Collection Showplace in Novi, MI. The show features technical sessions, panel discussions, keynotes, receptions, and exhibits highlighting advances in materials, processes, and equipment for both thermoset and thermoplastic composites in a wide variety of transportation applications.

PRESENT BEFORE A GLOBAL AUDIENCE  The SPE ACCE draws over 900 attendees from 15 countries on 5 continents who are interested in learning about the latest composites technologies. Few conferences of any size offer such an engaged, global audience vitally interested in hearing the latest composites advances. Interested in presenting your latest research? Abstracts and papers are due ASAP to allow time for peer review. Submit abstracts via [www.SubmitACCEPapers.com](http://www.SubmitACCEPapers.com).

EXHIBIT / SPONSORSHIP OPPORTUNITIES  A variety of sponsorship packages are available. Companies interested in showcasing their products and / or services should contact Teri Chouinard of Intuit Group at teri@intuitgroup.com.

FOR MORE INFORMATION  [SPEautomotive.com/acce-conference](http://SPEautomotive.com/acce-conference) +1.248.701.8003
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  - 12-128 Zones

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The 2019 SPE Annual Technical Conference (ANTEC) was held at the Renaissance Center Marriott Hotel in Detroit on March 17 - 21, 2019. It was held in Detroit to honor the 75th anniversary of the founding place of SPE.

The 2019 ANTEC was well attended. There were thirteen concurrent sessions with about four hundred presentations. The ANTEC Automotive was well represented with nineteen presentations in three sessions on Monday and Tuesday. On Monday afternoon Automotive Session, Norm Kakarala moderated a session that had six invited industry leaders talk on Automotive TPO Development. On Tuesday morning, Tom Pickett moderated a session on Automotive Material Development with six speakers. On Tuesday afternoon Dave Helmer moderated a session with seven interesting talks focused on Automotive Process Developments.

Dr. Deborah Mielewski (the Senior Technical Leader of Sustainable Materials and Advanced Materials at Ford Motor Company) gave an excellent Plenary Presentation on “Advances in Automotive Plastics & Composites” that reviewed the use of cost effective, lightweight, sustainable and advanced materials for automotive applications.
Better Chemistry Today. Building Lighter and Safer Cars for Tomorrow.

Mitsubishi Chemical and our group companies are dedicated to the automotive industry, with R&D and growth in high performance composites aimed at interior, exterior and functional applications. Our focus is on developing and bringing to market lightweight, sustainable, high value and premium aesthetic solutions. Look to Mitsubishi Chemical for the ultimate in range, innovation and value.
Dear SPE members, the 4th annual SPE TPO Shanghai Conference was just wrapped up in Shanghai, China at Marriott City Center on April 5, 2019. This was the first time for this conference to be sponsored by the SPE Automotive Division. Objectives of this event was to promote TPO use in automotive in the Far East by having OEM, Tiers, Resin and Additive Suppliers and others from local area to attend the event and hopefully to spark enough interest to continue this conference annually similar to the North American TPO Conference in Troy, Michigan and generate enough income to make the conference pay for itself and if there was a profit, to invest it back into education and similar activities. This Event was held at the Shanghai City Center Marriott again, because of superb service and capability and preparedness of the Hotel staff. Over 230 participants attended the conference to listen to Two Keynote speakers and 23 Technical papers which was offered on two track sessions for the first two days. The third day was planned as the exhibitor review day.

As the conference chair, I opened the conference at 9:00 AM on April 3rd by welcoming everyone to the conference and provided the audience with a short program overview for the next two and half days and proceeded to introduce the first Keynote Speaker Mr. Ivan Xu, Vice President of Mobility Marketing Center, at Borouge. His title of talk was “Advancing Innovation for New Generation Vehicle”. Our Second day Keynote Speaker was Dr. Arash Kiani, CEO of Alterra Holdings. His title of talk was “Global Automotive Elastomers Innovation and Outlook”.

After the Key note speaker, Dr. Norm Kakarala, retired Inteva and Dr. Shiyao Huang from Ford Nanjing provided the audience the detail on the technical sessions.

Great Attendance, Solid Sponsorship & Exhibitor Support and Superb Keynote Speeches and Technical Presentations
1. **GRAND BALL ROOM SALON 1A**
   - **REGISTRATION** (注册)
   - **WELCOME REMARKS**:
     - 欢迎词：大会主席 Dr. Sassan Tarahomi, 2019 SPE TPO Shanghai Conference Chair, Alterra Holdings
   - **KEYNOTE SPEAKER** #1: Ivan Xu, V.P. Mobility Marketing Center, Borouge
     Advancing Innovation for New Generation Vehicle
   - **TECHNICAL PROGRAM HIGHLIGHTS**:
     - **材料开发** (Moderator: Prof. Xiayun Huang, Fudan University)
       - Development of Lower Cost Natural Fiber Door Trim Panel with Significant Mass Savings and Class “A” Finish
       - Introducing Next Generation ENGAGE™ Polylefin Elastomers
       - Precise Construction of Anisotropic Polymeric Nanomaterials — The Smart Fillers for Automotive Composite
     - **过程开发** (Moderator: Stephan Fenske, Shanghai K-M)
       - Computer Assist Engineering Design for Under-the-Bonnet Plastic Parts
       - Fundamentals of Twin-Screw Extrusion Scale up: The Bump in the Road Between Development and Commercialization for TPE
   - **轻量化技术**
     - Evolution in Automotive TPO
     - Lower Cost Lighter Weight Substrate Technology for Interior Panel Applications
     - Composite Hybrid Reinforcements in Tailgates:
     - Computer Assist Engineering Design for Automotive Hybrid Reinforcements

2. **GRAND BALL ROOM SALON 1B**
   - **PROCESS DEVELOPMENTS** (流程开发)
     - (Moderator: Stephan Fenske, Shanghai K-M)
     - Computer Assist Engineering Design for Under-the-Bonnet Plastic Parts
     - Fundamentals of Twin-Screw Extrusion Scale up: The Bump in the Road Between Development and Commercialization for TPE
   - **轻量化技术**
     - CAE to Solve Automotive Real-Life Engineering Problems
     - CAE to Solve Automotive Hybrid Reinforcements in Tailgates: A Feasible Solution for Mass Production

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**CAE to Solve Automotive Real-Life Engineering Problems**

**BREAK / EXHIBITS - GRAND BALLROOM**

**LUNCH / EXHIBITS - GRAND BALLROOM**

**RECEPTION - SPONSORED BY SPE - GRAND BALLROOM**
THURSDAY APRIL 4, 2019 星期四

时间  | GRAND BALL ROOM SALON 1A
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800—900  | WELCOME REMARKS: 致欢迎辞: 大会主席 Dr. Sassan Tarahomi, 2019 SPE TPO Shanghai Conference Chair, Alterra Holdings
900—915  | KEYNOTE SPEAKER #2: Dr. Arash Kiani, CEO, Alterra Holdings
915—945  | Global Automotive Elastomers Innovation and Outlook
945—1000  | SPONSOR REMARKS: Advanced Composites 赞助
1000—1030  | BREAK / EXHIBITS - GRAND BALLROOM 休息、参观展台
1030—1100  | PLENARY SESSION #2 (Moderator: Prof. Xiayun Huang, Fudan University)
1100—1130  | Discussion on Ecological Technique of GEELY New Energy Vehicle Dr. Peng Xiao, Geely 新能源汽车生态设计技术探讨
1130—1200  | CAE Material Data Required for OEM Material Approval Dr. Li Lu, Ford USA OEM材料审批所需要CAE材料数据
1200—1330  | LUNCH - SPONSORED BY ADVANCED COMPOSITES 赞助 / EXHIBITS - GRAND BALLROOM
1330—1400  | MODELING & SIMULATION 模拟仿真 (Moderator: Dr. Shiyao Huang, Ford Nanjing)
1400—1430  | Automotive Lightweight & Simulation Advanced Technology David Huang, Autodesk Software (China) Co., Ltd 汽车轻量化及精密工程仿真前沿技术分享
1430—1500  | SIGMASOFT® Virtual Molding Approach: Autonomous Optimization Groening Lukas, MAGMA Engineering Asia-Pacific Pte Ltd SIGMASOFT® 虚拟成型方法: 自动优化
1500—1530  | Moldex3D理论与实际结合最新研究进展 Hank Niu, Moldex3D
1530—1600  | LIGHTWEIGHT TECHNOLOGIES 轻量化技术 (Moderator: Jeffrey Tong, SABIC)
1600—1630  | Microcellular Simulation with Autodesk Simulation Moldflow Alex Wang, CAD-IT consultants Shanghai co., LTD 仿真分析在微发泡中的应用
1630—1700  | Warpage Prediction of Injection-Molded Thermoplastics Dr. Shiyao Huang, Ford Nanjing 塑料注塑件的变形预测
1700—1900  | RECEPTION - SPONSORED BY SPE - GRAND BALLROOM
Many volunteers helped to organize this conference. One of the most valued volunteers was Assistant Professor Xiayun (Sherry) Huang from Department of Macromolecular Science, Fudan University. Professor Huang was one of the moderators as well as she coordinated the printing the proceedings and recruiting students for her department to assist with registration. Conference executive committee recognized her great help by presenting her a recognition award.
Dr. Arash Kiani, Alterra Holdings CEO, the second day
Keynote speaker

Conference ended at 5:00 PM on Thursday April 4, 2019 and all attendees and speakers were satisfied with the conference and left with a happy memory and started their plan to attend the 2020 SPE TPO Shanghai Conference.

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Our global commitment is to be your partner — producing value in your process — and ultimately delivering satisfaction where it counts.

Your partner for automotive production

INCOE Hot Runner Systems are the heart of the injection molding process — managing and controlling Melt Logistics® inside the mold.

Our global commitment is to be your partner — producing value in your process — and ultimately delivering satisfaction where it counts.
The fourteenth annual SPE Auto EPCON for 2019 was a success! Two hundred and ninety three persons registered for the one day conference brought to you by the SPE Detroit Section, Automotive Division, and Injection Molding Division. The SPE Auto EPCON attendees included 45 members from automotive OEM staffs, 130 SPE members, 105 non-members, 10 SPE student members, and 3 media attendees. With almost 300 attendees including registered persons, speakers, and SPE Auto EPCON committee members, this was another well attended SPE conference with 5 Premier sponsors, 3 Associate sponsors, 21 exhibits, 1 advertisement sponsor, and 1 break sponsor. Proceeds from the conference will be used for the education scholarship budget, Plastivan, as well as special events such as the “Kids Christmas Toys Program”.

Kevin Quinn (General Motors Director of Additive Design and Manufacturing) was the conference OEM Executive Chairperson and introduced the conference theme for 2019 “Pushing the Boundaries”. Kevin introduced many present and future ideas and application for additive design, manufacturing, and 3-D printing. For example applications such as low volume wheel variants, motorsports, accessories, and service parts are beginning to emerge with the additive manufacturing space. Think of a warehouse not for part storage, but for on-demand 3-D printed parts. Combining multiple parts into one part with higher properties. Can we print an entire vehicle? Probably not at this time due to high costs, size of part, throughput, post processing requirements, material development. Material properties that additive design engineers are looking for include improved elongation, durable rubber-like properties, fiber reinforced materials, exterior weatherable materials, and compatibility with chrome plating and paint. Thank you Kevin for this peek into the future of additive manufacturing.

Brendon Dooley, Global Director Engineering Resins, IHS Markit presentation was entitled “Nylon and Polycarbonate: How we got here and what lies ahead” provided a very detailed market review and projections for the nylon and polycarbonate industries. Key highlights were by 2020 adiponitrile (ADN) supply will be much more balanced for PA66 polymerization, PA6 capacity growth expected from China and capacity will be adequate. PC supply will increase, mainly in China, but also increased supply in Europe and North America. PC prices are likely to decrease.
Laurie Harbour, President and CEO of Harbour Results, Inc. presentation was entitled “Is Uncertainty the New Normal in the Automotive Industry”. Laurie’s presentation provided a detailed economic picture and review of the domestic tooling, die, and mold industries. Highlights included the effect of tariffs on the molder community, the changing climate of the automotive industry, USMCA and NAFTA agreements. Steel and aluminum tariffs will have a significant impact on mold and tooling costs.

Jay Langley is Associate Director at IHS Markit. Jay’s keynote presentation was entitled “North American Light Vehicle Production Outlook”. Jay summarized the industry with the following points, slow down since 2016, US consumer outlook is good, there is an attractive sales mix within the automotive industry, there are pressure on OEMs, vehicle launches to accelerate, and vehicle development costs to increase.

This year the SPE Auto EPCON conference had four student moderators from the University of Michigan (Go Blue!): Allison Podnar, Luis Rangel-DaCosta, Daniel Pisarski, and Nathan Ng. Allison Podnar was the Materials Sessions I and II student moderator. Allison is a Master’s student in the area of Materials Science and Engineering. Allison recently received her Bachelor’s degree from the University of Michigan with minors in German, Chemistry, and Multidisciplinary Design. Allison looks forward to learning more about plastics engineering in the automotive industry.

Luis Rangel-DaCosta was the PA Opportunities and Materials and Electric Vehicle sessions moderator. Luis is a 4th year student at The University of Michigan, studying Materials Science and Engineering and Music Performance. Luis has been active as the project manager of the U of M Supermileage engineering project team. Luis is interested and has performed research with metallic glasses and computational electron microscopy.

Daniel Pisarski is a 3rd year veteran student moderator for the SPE Auto EPCON conference. Daniel was student moderator of the Additive Manufacturing and Design session. He completed his junior year at The University of Michigan studying Mechanical and Electrical Engineering. Daniel is a
Mechanical Engineering major and Electrical Engineering minor. He is a member of the Michigan Autonomous Aerial Vehicle Student Design Team. Daniel is interested in the 3D printing industry. He is also an avid golfer and tennis player.

Nathan Ng was the moderator of the Analysis session of the Auto EPCON conference. Nathan is a junior studying Materials Science and Chemical Engineering at the University of Michigan. He will serve as president of the Michigan Materials Society next year and acts as a student teacher for chemical engineering courses. Nathan is interested in a variety of scientific topics including computational reaction dynamics.

With twenty-three sponsors, the 2019 Auto EPCON remains a key conference for networking, communicating new product development, and OEM attendance. We are grateful for the support of our premier sponsors, DSM Engineering Plastics, Dow-DuPont Performance Materials, Hewitt-Packard, Lanxess Corporation, and Polyplastics. The Associate sponsors for the 2018 Auto EPCON were Asahi-Kasei Plastics North America, LG Chem America, Inc, and Mitsubishi Chemical. This year we had thirteen exhibit sponsors, Adell Plastics, Arko-Plastic GmbH, Clariant Corporation, DatapointLabs Technical Center for Materials, EMS-Griory Americas, ID Additives, Inc., IHS Markit, JM Polymers, KEP Americas, LyondellBasell, Nexeo Solutions, Niche Polymers, and Wellman Advanced Materials. Our advertising sponsor was Toyobo. Our Break sponsor was Plastic Industry Association.

Many thanks to our committee members who worked very hard and long to make the 2019 SPE Auto EPCON a success:

- Gary J. Kogowski, Ph. D. – Ravago Holdings Americas – Co-Chair, exhibits, Marriott, technical program, program brochure, keynote speaker, SPE Automotive Division.
- Sandra McClelland – Solvay Specialty Polymers – Co-Chair, technical program, brochure, keynote speakers, student mentor, and SPE Detroit Section
- Ed Luibrand – Fiat-Chrysler Automobiles – sponsorship chair, student moderator
- Letici Vitalli – Solvay Specialty Polymers – sponsorship, student moderator
- Monica Shammas – Fiat-Chrysler Automobiles – sponsorship
- Glenn Cannavo – DSM - Marriott, exhibits, lunch menu planner
- Scott Marko – SPE National registration
- David Okonski – GM / SPE Injection Molding Division, student mentor, OEM Executive Chair coordinator, keynote speaker, and photographer’s assistant
- Bill Windschief – technical program, Marriott
- Chris Surbrook – Midland Compounding – sponsorship liaison, advertising and media
- Sameer Mehta – Asahi Kasei - sponsorship liaison, advertising and media, program brochure
- Nihir Bhuna – Asahi Kasei - sponsorship liaison, advertising and media, program brochure
- Karen Rhodes Parker – SPE Detroit Section – brochure, registration
- Omar Faruk – Ford Motor Company – technical program
- Katie Okonski – conference photographer
- Nippani Rao – Emeritus member

The 2020 Auto EPCON conference is scheduled for Tuesday, April 28, 2020, at the Detroit-Troy Marriott located at 200 W. Big Beaver Rd, Troy, MI 48084. Please mark your calendars.
Schoolcraft Presentation Award to SPE Detroit

Hewlett Packard 3D Printing exhibit

ID Additives display

Akro-Plastic display

Joe Langley (IHS Markit) conference keynote

Tom Chu, speaker

Douglas Thornhill, speaker

Joe Langley (IHS Markit) conference keynote

Kazuhiko Hashimoto, speaker

AutoEPCON continued from Page 24
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FOR MORE INFORMATION

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FOR ADVERTISEMENT PLEASE CONTACT

karen@auto-tpo.com
PAPERS/PRESENTATIONS (COMPLETED PAPERS) ARE DUE ON: JULY 12, 2019
EMAIL TO: TPOPAPERS@AUTO-TPO.COM

Be part of the SPE TPO Automotive Engineered Polyolefins Conference and learn how TPOs are driving value, light weight, and innovative automotive solutions. This premier conference draws over 900 of the world’s most knowledgeable decision makers and industry experts who share their perspective and groundbreaking developments on one of the world’s fastest-growing polymer families.

TPO 2019 CONFERENCE TECHNICAL PROGRAM SESSIONS & CHAIRS:
Scope of each session and suggested topic areas are provided on conference website: www.auto-tpo.com

MATERIALS DEVELOPMENT
- Mike Balow, Asahi Kasei Plastics North America
- Mark Jablonka, The Dow Chemical Company
- Peter Glenister, LyondellBasell

SURFACE ENHANCEMENTS
- Dr. Rose Rynzt, Rynzt & Associates
- Jim Keller, Mankiewicz Coatings
- Jeff Crist, Ford Motor Company

INTERIOR APPLICATIONS & LAMINATING ADHESIVES
- Dr. Pravin Sitaram, Haartz Corporation
- Sarah Gatzek, Ford Motor Company
- Hoa Pham, Freudenberg Performance Materials

LIGHTWEIGHTING OF POLYOLEFIN PARTS
- Mike Shoemaker, Borealis Compounds
- Dr. Nadeem Bokhari, Sumitomo Chemical
- Normand Miron, Washington Penn Plastic Co., Inc.

BIO BASED & RECYCLED MATERIALS
- Susan Kozora, IAC Group
- Dr. Alper Kiziltas, Ford Motor Company

INTERIOR EMISSIONS
- Dr. Laura Shereda, Asahi Kasei Plastics North America
- Alec Lang, Reliable Analysis

ADDITIVE MANUFACTURING (3D PRINTING)
- Dr. Suresh Shah, SPE Fellow
- Nihir Bhuva, Asahi Kasei Plastics North America

SUNDAY, OCTOBER 6, 2019 –
TWO TECHNICAL WORKSHOPS:
3:00PM & 4:00PM

FOR INFORMATION AND REGISTRATION VISIT OUR WEBSITE AT AUTO-TPO.COM OR CALL KAREN AT +1.248.244.8993, EXT 3, karen@auto-tpo.com

A BLOCK OF ROOMS HAS BEEN RESERVED AT THE MARriott Troy FOR THE SPE TPO Automotive Engineered Polyolefins Conference.
SPE RON PRICE MEMORIAL GOLF OUTING

PROCEEDS BENEFIT SPE STUDENT CHAPTERS

2019 SPONSORSHIP OPPORTUNITIES

<table>
<thead>
<tr>
<th>TYPE OF SPONSORSHIP</th>
<th>COST</th>
<th>BENEFITS INCLUDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTEST HOLE</td>
<td>$1000. USD</td>
<td>1 foursome, signage, flag &amp; more</td>
</tr>
<tr>
<td>HOLE</td>
<td>$750. USD</td>
<td>1 foursome &amp; signage</td>
</tr>
<tr>
<td>BREAKFAST</td>
<td>$1500. USD</td>
<td>1 foursome &amp; signage with company Logo</td>
</tr>
<tr>
<td>LUNCH</td>
<td>$2000. USD</td>
<td>2 foursomes, signage &amp; 100 fliers printed &amp; distributed at the event promoting sponsoring company or its products</td>
</tr>
<tr>
<td>DINNER</td>
<td>$3000. USD</td>
<td>3 foursomes, signage, company message / logo on dinner table centerpieces, 100 fliers printed &amp; distributed at the event promoting sponsoring company or its products</td>
</tr>
</tbody>
</table>

COST: $500. USD/Foursome
$125. USD/Player

PROGRAM:
8:30am: Sign-in & Continental Breakfast
10:00am: Shotgun Start
Box Lunch at Turn
3:30pm: Buffet Dinner
4:00pm: Awards & Prizes

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2019

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Techno-UMG
The SPE Council meetings were held prior to ANTEC 2019 in Detroit, Michigan. At the beginning of proceedings, President Brian Grady called for a moment of silence to honor the passing of several distinguished SPE members, including Dr. Vicki Flaris, Thoi Ho, Dennis Hvam, and Richard G. Johnson.

All presentations and data discussed during Council meetings are available on The Chain in the Council Committee of the Whole (CCOW). We encourage all members to take the time to review this information to get a full understanding of the Society.

FINANCIAL REPORT

For 2018, SPE had a net positive operational result, but showed an overall deficit due to lower than expected investment results. SPE management meets on a quarterly basis with investment advisors. January 2019 results were better than budget. SPE is projecting a loss for 2019. Complete details on the 2019 budget are available on The Chain. A summary of the 2018 budget vs. actual report is available below:

<table>
<thead>
<tr>
<th></th>
<th>2018 Budget</th>
<th>2018 Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Membership/HQ</td>
<td>$2,062,001</td>
<td>$2,076,477</td>
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<tr>
<td>Foundation</td>
<td>$463,500</td>
<td>$366,397</td>
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<tr>
<td>HQ Events</td>
<td>$888,500</td>
<td>$805,372</td>
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<tr>
<td>Supported Events</td>
<td>$348,500</td>
<td>$396,510</td>
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<tr>
<td>Total Revenues</td>
<td>$3,762,501</td>
<td>$3,644,756</td>
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<tr>
<td>Expense</td>
<td></td>
<td></td>
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<tr>
<td>Membership/HQ</td>
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<td>$2,612,042</td>
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<tr>
<td>Foundation</td>
<td>$589,495</td>
<td>$456,673</td>
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<tr>
<td>HQ Events</td>
<td>$715,781</td>
<td>$559,365</td>
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<tr>
<td>Supported Events</td>
<td>$22,600</td>
<td>$10,135</td>
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<tr>
<td>Total Expenses</td>
<td>$4,244,037</td>
<td>$3,638,215</td>
</tr>
<tr>
<td>Results</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operational Result</td>
<td>$(481,536)</td>
<td>$6,541</td>
</tr>
<tr>
<td>Investment / Interest</td>
<td>$401,000</td>
<td>$(290,420)</td>
</tr>
<tr>
<td>Total Result</td>
<td>$(80,536)</td>
<td>$(283,879)</td>
</tr>
</tbody>
</table>

SPE OFFICIAL BUSINESS

Councilor Bruce Mulholland presented several proposed changes to bylaws and policies related to the budget review process and Fellows/HSM ratification procedures. Council approved both motions. All changes can be found in the official minutes.

At the end of Council I, President Grady thanked the Executive Board for their service. He also thanked Past President Al-Zubi who is now leaving the Executive Board. President-Elect Landes president the ceremonial pin to Grady and delivered the traditional “Whereas” tribute to Grady.

INCOMING PRESIDENT’S REMARKS

Dr. Brian Landes of Dow Chemical begins his tenure as President of SPE (2019 – 2020). Dr. Landes delivered an inspiring talk that encouraged all SPE members to reflect upon why they joined the society and what they can do to ensure the society remains relevant and important in a changing world. His presentation included a summary of the SPE Strategic Plan that focuses on twin pillars of knowledge and networking. If SPE is to be vibrant for future generations of plastics professionals, it must make difficult decisions about resource allocation and member engagement. In keeping with the plastics zeitgeist, Landes ended his talk with a short video from The Alliance to End Plastic Waste, a global group that recently dedicated $1.5bn to fight plastics pollution. SPE is uniquely positioned to contribute to this discussion because our strategic plan aligns with what is needed among the broader public audiences where scientific knowledge of polymer materials is lacking. This is the first step in a long journey, Landes concluded.

SPE FOUNDATION

Foundation Director, Eve Vitale, presented a summary of her team’s work over the past year. 21,371 students experienced the PlastiVan in 2018. $88,250 was awarded in scholarships in 2018, with 33 recipients at 21 universities. A scholarship marketing campaign was established in 2018 to increase awareness of the available scholarships in an effort to increase the number of applicants. $64,645 in grants were awarded in 2018, some at events that were not SPE-centric,
thereby increasing awareness. “Giving Tuesday” (Tuesday after Black Friday) was a success, raising $8,985 so that 1200 new students can experience the PlastiVan.

STRATEGIC COMMENTARY

-> ANTEC
The 2018 event, at the time of writing, was projected to achieve ~$300k in profit for SPE. ANTEC 2020 will be in San Antonio, TX with Council starting on the 28th of March and the actual program lasting from March 30-April 2. CSE Farrey announced that ANTEC 2021 will be held in Denver, CO from March 22-25. The public announcement included discussion of the rationale for not co-locating ANTEC with NPE. Both organizations, SPE and PLASTICS, have achieved a level of success with their respective events that co-location is no longer the optimal arrangement for either group.

-> SPE SERVICES TO CHAPTERS
Sandra McClelland of the SPE Finance Committee presented findings from an in-depth review of SPE staff resource allocation and chapter support requirements. As summarized by CSE Farrey, HQ provides a vast array and quantity of services that consumes a significant portion of HQ staff time and resources. The current fee model (under which some Chapters pay for services and others don’t) is inequitable and unsustainable. Everyone would be better served with a clearer understanding of the services provided and the cost structure. It was decided that a small task group would be assembled to review the issue and bring a recommended revised model forward for consideration. Complete details are available on Leadership Lane.

-> SPE SALES & MARKETING
SPE Business Development Manager, Stephanie Clark, reported on the advertising revenue generated in 2018. In 2019, 79 exhibitors on the floor and 37 are brand new to ANTEC. The total revenue generated from this is $249,000. There are also 6 sponsors generating $75,000. In total, $360,000 was raised against an aggressive budget of $331,990. 26 chapters and organizations have supported student activities in 2018. In 2017, there were $270,087 of advertising sales but since that time, the total has increased to $556,600 in just 1.5 years.

ADDITIONAL REPORTS
4 new student chapters have been chartered and approved by Council:
- National Textile University
- University of Oklahoma
- Ontario Institute of Technology
- UC Berkeley

The next Council meeting is tentatively scheduled for November 14-15. Further details will be made available on The Chain.
Meeting was held at the ACC Office (American Chemistry Council) in Troy, 5:39pm – 7:30pm

OPENING – Dave Helmer
Review of Agenda for Meeting
Review of Board for 2022
Review of Board for remainder of 2019
Chair Rotation Opportunity available for Intersociety

FINANCIAL – Bonnie Bennyhoff
Reviewed Accounts Receivable/Accounts Payable and Balance sheet.
We are on target to Budget vs Actual spending allocations
Fiscal year ends, June 30th.
Financial best practices reviewed to ensure the chapter has processes and procedures in place. The following changes are being made within the chapter:
• Hard copies available of bank statements at meeting
• External audit plan being reviewed and complied. Once complete, schedule will be published.

ANTEC – Norm Kakarala, Tom Pickett
75th Anniversary of ANTEC was held in Detroit, MI.
1250 people attended this year.
Gratitude is expressed to Tim Pickett, Dave Helmer, Dr. Suresh Shah, Norm Kakarala, Keith Siopes, Sassan Tarahomi and Dr. Alper Kiziltas for their help in making the event a success!!!

Personal THANKYOU to Eve Vitale, SPE Detroit President, for allowing the SPE Automotive Division to exhibit @ ANTEC.

COUNCILOR REPORT – Suresh Shah
Reviewed the highlights of the SPE Council summary from ANTEC 2019 held in March 2019 in Detroit, Michigan. Please read the published Councilor’s report for all the details.

WEBSITE ANALYTICS – Mark Bahm
No new information

2019 ACCE – Alper Kiziltas
Two keynotes at this point.
We have 50 sponsorships sold to date.

Scholarships: 18 applications for Dr. Jackie Rehkopf Scholarship and 9 applications for ACCE Scholarship
Abstract due 4-30-2019, Papers due 6-15-2019

GOLF OUTING – Teri Chouinard
SPE Ron Price Golf Outing will be held on September 3rd, 2019. Register today!

DESIGN IN PLASTICS / The MAIN Event – Chuck Jarrett
Suggestions student chapter, ACCE/Newsletter pictures – tabled discussion to next month.
Proposal is for $10k students, $10k MAIN Event Sponsorship

EDUCATION – Alper Kiziltas
Donation was made to ANTEC 2019 student activities which allowed SPE to support more students and offer fun, interactive events for them.

MEMBERSHIP – Samar Teli
Currently, there are 782 active members in the SPE Automotive Division and 935 total registered members.

CHAIR REPORT – Dave Helmer
Thank you Marc for the food.
Rough draft on Bylaws for insurance coverage are complete with comments pending
• Comments
  – as it is volunteer and sometimes tough to get volunteers the board term limits should be removed
  – Bonnie to double check finance area!

Nippani Rao would like to recommend Fred Deans as a member emeritus to the SPE Automotive Division
Fred has been active for 34 years serving in various leadership roles:
• SPE Automotive – Newsletter, Chair, Vice Chair
• Original founders of ACCE
• Golf Chair for life
• Composites Chair

Unanimously accepted
Celebrating Rob Morgan moved to TPO Conference – Advanced Composites Reception
AUTO EPCON REPORT – Gary Kogowski
17 Exhibits
27 Abstracts Approved
Tuesday, May 7, 2019 SPE Auto EPCON

IAG – Jeff Helms
6th Annual SPE Plastics for Life parts competition at ANTEC
5 parts were submitted and 2 received awards
  1. Protection Life Award - Integrated Tire Carrier, Rear Camera & Brake Light Assembly on the 2018 Jeep Wrangler.
  2. Grand Prize Award - 2019 Sierra LD Thick Light Bar, Quality of Life Category

Sponsorship rates will increase 20% this year due to economic inflation
Initial Judging will be September 26 and 27th, 2019
Blue Ribbon Judging date to be confirmed.

INTERSOCIETY REPORT
Looking for new intersociety chair
THANK YOU Dhanendra for all the work you’ve done!!!!

TPO SHANGHAI – Sassan Tarahomi
4th annual SPE TPO conference held in Shanghai.
Successful Conference
195 attendees; 2 keynote speakers; 23 technical papers
Unanimously accepted to plan for 2020 Shanghai with lessons learned on dates and money collections – will be supported by Automotive Division.
Need more engagement and support from China OEM’s going forward

NEW BUSINESS
Lifetime Achievement Award closed March 31st
  - New candidates submitted anytime
Fred Deans – Will be the next composites chair
Next Meeting - June 17th

Meeting adjourned at 7:30pm.
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