PRODUCT SAFETY
A CORPORATE COMMITMENT
FULFILLED BY ENGINEERS

This month's meeting is a
Joint Meeting with ASAE
Our joint meeting with our ASAE friends this month is focused on a topic that is vitally important to all of us: safety. This subject comes to my mind at the end of each visit when I see my little grandchildren get buckled into their car seats for the ride back home.

Often, I stop to reflect on the strides that have been made in automobile safety during the last generation, since my sons were small. Seat belts in cars were just new then, and shoulder harnesses weren't even available. Now, many cars have standard inflatable restraints and ABS to help keep our loved ones safe. Many other features such as electric window defoggers, intermittent wipers, improved mirrors, electric door locks, security systems and adaptive suspensions have also been developed to enhance the safety of those in and around automobiles.

Engineers have made these safety improvements possible. SAE, ASAE and other engineering societies have vigorously supported technological developments to enhance safety. They also go beyond technology with campaigns to make users of automobiles and mobile equipment aware of ways to operate their machines safely. The “Buckle Up Baby” poster campaign is an excellent example of how SAE and the Chicago Section have worked to increase motorists' awareness.

Be proud that we, as engineers, are the ones empowered to make our world a safer and better place for our children. Wear your safety belts, and encourage others to protect their loved ones, too!

I'll see you on Oct. 12 to hear more about product safety. And don't forget to mark your calendars for Nov. 9 when we’ll have SAE International President Nominee Randy Richards with us.

Chuck Cornell
Chicago Section Chairman
Packer Engineering is a multidisciplinary engineering consulting and technical services company serving manufacturers, industrial processors, power and transportation utilities, the research and development community including governments and academia, the insurance industry and the legal profession across the nation and worldwide. The interdisciplinary Packer practice provides quality of service, thoroughness, timeliness and economy.

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- Accident Investigation and Reconstruction
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- Electrical
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- Biomechanical
- Environmental
- Structural
- Civil
- Automotive
- Electronic
- Utility

Packer Engineering is an employee-owned company with national headquarters in Naperville, Illinois. Satellite offices are located in Troy, Michigan; Pittsburgh, Pennsylvania; Short Hills, New Jersey; and Kansas City, Missouri.

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The American Petroleum Institute says imports now account for up to 55% of the nation's oil use as a result of declining domestic oil production, not higher demand. In mid-July, U.S. imports of crude oil were at an all-time high—7.902 million barrels per day, which topped the previous high set in December 1978.
### 1993-94 SAE Chicago Section Governing Board

#### Executive Committee

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<th>Position</th>
<th>Company/Institution</th>
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<tbody>
<tr>
<td>Chuck Cornell</td>
<td>Chairman</td>
<td>DAI Technologies</td>
<td>708/971-2442</td>
</tr>
<tr>
<td>Dennis Berndt</td>
<td>Chair Michiana Division</td>
<td>Sprague Devices</td>
<td>219/872-7295</td>
</tr>
<tr>
<td>Gary Patterson</td>
<td>VP Michiana Div.</td>
<td>219/879-5451x1604</td>
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</tr>
<tr>
<td>Jim King</td>
<td>Past Chairman</td>
<td>J-I Case</td>
<td>708/887-2012</td>
</tr>
<tr>
<td>Rodica Baranescu</td>
<td>VP Chicago Section</td>
<td>Navistar</td>
<td>708/865-3717</td>
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<tr>
<td>Rich Holloway</td>
<td>Secretary</td>
<td>J-I Case</td>
<td>708/887-3754</td>
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<tr>
<td>Gary Novak</td>
<td>Treasurer</td>
<td>Fel-Pro Inc</td>
<td>708/674-7701x2142</td>
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<tr>
<td>Eugene Wallace</td>
<td>Math &amp; Science K-12</td>
<td>ASME-GRI</td>
<td>708/241-0660</td>
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<tr>
<td>Ray Heller</td>
<td>Asst Math &amp; Sc K-12</td>
<td>Consultant</td>
<td>708/963-9175</td>
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<tr>
<td>Margaret Bain</td>
<td>Membership</td>
<td>Navistar</td>
<td>708/865-3167</td>
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<tr>
<td>Carson Eddy</td>
<td>Student Activity</td>
<td>Actna Bearing</td>
<td>312/227-2410</td>
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<tr>
<td>Dave Robinson</td>
<td>Executive Advisor</td>
<td>Robert Bosch</td>
<td>708/865-5333</td>
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<td>Jim Buxton</td>
<td>National Delegate</td>
<td>Navistar</td>
<td>708/865-4339</td>
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<td>Jim King</td>
<td>1st Alternate</td>
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<td>Maurice Fernandez</td>
<td>Engrg Career Resources</td>
<td>Allied Automotive</td>
<td>708/349-9483</td>
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#### Standing Committee Chairpersons

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<tr>
<td>Dave Morris</td>
<td>Programs</td>
<td>DAI Technologies</td>
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<tr>
<td>Chuck Cervenka</td>
<td>Magazine Editor</td>
<td>Consultant</td>
<td>708/968-0459</td>
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<td>Mary Jacque</td>
<td>Asst. Publicity</td>
<td>J-I Case</td>
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<td>Jack Shultz</td>
<td>Advertising</td>
<td>Satek Corp</td>
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<td>Continuing Education</td>
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<td>Long Range Planning</td>
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<td>Aerospace</td>
<td>DAI Technologies</td>
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<td>Bob Larsen</td>
<td>Advanced Technologies</td>
<td>Argonne Labs</td>
<td>708/252-3735</td>
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<td>Linda Gogola</td>
<td>Const &amp; Off-Road Mach</td>
<td>Caterpillar</td>
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<tr>
<td>Matt Jenks</td>
<td>Electronics</td>
<td>Motorola</td>
<td>708/460-4703</td>
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<td>Robert Paplaski</td>
<td>Agricultural Machinery</td>
<td>J-I Case</td>
<td>708/867-2399</td>
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<tr>
<td>Les Asher</td>
<td>Fuels &amp; Lubricants</td>
<td>Amoco Oil</td>
<td>708/420-5944</td>
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<td>Brian Schilling</td>
<td>Light Duty Vehicles</td>
<td>ZF of No America</td>
<td>708/634-3500x226</td>
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<td>Bill Lindsey</td>
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<td>Keith King</td>
<td>Light Duty Vehicles</td>
<td>Illini Power Products</td>
<td>708/462-7280</td>
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<td>Richard Jass</td>
<td>Power Plants</td>
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<td>Eaton Corp</td>
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<td>Brian Shilling</td>
<td>Heavy Duty Vehicles</td>
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#### International SAE Support

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<tr>
<td>John Casker</td>
<td>Manager Section Relations</td>
<td>412/776-4841</td>
</tr>
<tr>
<td>Becky Fadik</td>
<td>Field Services Representative</td>
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engineering perspective.

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ing that Case Company products are marketable under standards and regulations.
has a B.S. degree in Agricultural Engineering from the University of Illinois. He
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Kevin Richman

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Kevin Richman is Chief Engineer of Cotton Equipment Design for J I Case Co.
cotton harvesting equipment design. Kevin graduated from Purdue University

Bob Paplaski is Manager of the Endurance Test Labs for J I Case Company a
Bob holds a B.S. in Mechanical Engineering from Chicago Technical College at
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department is responsible for assurance for worldwide distribution. Steve has 30 years of Design, Design
construcion equipment.

at bloom brown, green and gray company. His group is responsible for
with a B.S. in Agricultural Engineering.

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NORMAN EQUIPMENT COMPANY
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5:30 P.M. Social Half-Hour
6:00 P.M. Dinner
7:00 P.M. MEETING

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SAE SPONSOR-A-TABLE

The SAE Chicago Section is initiating a new program this year. “SAE Sponsor-A-Table” is aimed at the companies in the Chicago Section that have members active in SAE. These companies are invited to sponsor a table (8 tickets) for each of the nine meetings in the 1993-1994 program year, at the member cost of $1,080. These tickets can then be given to employees, customers, or contractors. The benefits to the participating company are increased company exposure and employee development. We invite all companies in the Chicago section area to participate. At this time, the following companies have signed up for this program:

- Eaton Corporation, Controls Division
- JI Case
- Amoco Research Center

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For further information on this program, please contact your company SAE representative, any Section officer, or the Section Message Center at (708) 663-0010.
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In 1992, we received over 130 quality awards from customers. Our European operations were certified to the ISO9001 quality standard. Australian Timken has achieved ISO9002 certification. Our Bucyrus Bearing Plant was chosen by Industry Week Magazine as one of the “10 Best Plants in America”.

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By pooling their resources, members are able to conduct research and development on a scale no single utility could afford. And because all members can take advantage of the full range of EPRI results, individual utilities dramatically increase the power of their R&D funding—cutting costs and enhancing the value of electricity to their customers.

From EPRI headquarters in Palo Alto, California, some 350 scientists and engineers manage nearly 1600 ongoing projects carried out by equipment suppliers, government and private laboratories, universities and independent contractors around the world. EPRI's mission: to discover, develop, and deliver advances in science and technology for the benefit of member utilities, their customers and society.

From Generation through Application
Increasing the Remarkable Power of Electricity

EPRI's R&D program, which is shaped by its members through their participation on the Board of Directors and various advisory committees, addresses four issues of crucial importance to utilities today.

*To help members control costs, EPRI is developing new and cost effective technologies for the broad range of utility operations, from state-of-the-art maintenance and diagnostic systems to computer-based tools that help utilities enhance overall business efficiency.

*To increase the value of electricity, EPRI is developing an extensive portfolio of new end-use products for residential, commercial, and industrial use.

*To ensure environmental health, welfare, and safety, EPRI continues to conduct basic environmental research and pioneer the development of technologies to mitigate the environmental impact of energy use.

*To guarantee a sustainable energy future, the Institute is researching new and more efficient ways to generate and deliver electricity.

To help members realize the maximum value of EPRI's collaborative R&D, an EPRI Member Relations Executive is assigned to each member utility. Members can also select key staff members to participate in EPRI's Technology Transfer Program, which is designed to ensure that the Institute's products and services meet utilities' business objectives.

To take advantage of the benefits of EPRI's knowledge base, members can order from the extensive collection of hundreds of EPRI-produced brochures and videos on new technologies, as well as technical articles in the EPRI JOURNAL, one of the most respected publications in the utility industry. The Institute's Distribution Center and Member Services Hotline make it easy for EPRI members to order materials and conduct database searches.

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Meeting Your Concerns

NTN Bearing Corporation
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<td>Light-Duty Equipment</td>
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<tr>
<td>3-2-94</td>
<td>Rich Barthel</td>
<td>Parts &amp; Accessories</td>
<td>Variable Valve Timing</td>
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<td>4-12-94</td>
<td>Matt Jenks</td>
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<td>5-10-94</td>
<td>Les Asher</td>
<td>Fuels</td>
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