



State Farm Crash and Fire Investigation

Wednesday, March 21st, 2007



Program Dates

September 23
Precision
Driving School

October 12
Fueling Our
Future
Transportation
Needs

November 16
ICC Design
Competition

December 9
SAE Social
Event

January 24
X-Prize – The
\$10 Million
Prize

February 27
CAT OEM
Transmissions

Wednesday,
March 21
State Farm
Crash
Investigation

March
Auto Show –
Student Projects

Wednesday,
April 27
SWE Career
Development

May
Mapleton
Foundry Tour

Location:

State Farm's Claim Technical Center
2309 E. Oakland Ave.
Bloomington, IL 61701

Schedule:

6:00 PM	Social/Sign In
6:30 PM	Announcements & Dinner
7:00 PM	Remarks from a State Farm Representative
7:15 PM	Tour
8:00 PM	Closing Remarks

Topic of Discussion

State Farm is probably not always considered a technical company, but it actually is! To improve pricing and underwriting and loss mitigation results, the State Farm Research Department conducts auto and fire research at State Farm's Claim Technical Center. The center includes a two-story house and research lab for conducting various safety and damage resistance tests on vehicles and building materials. Auto research focuses on auto damage ability, reparability, and highway and vehicle issues, while building research focuses on construction methods and materials.

CIS-SAE is going to go behind the scenes and see how State Farm determines what happened when an accident occurs by taking a tour of the State Farm's Claim Technical Center. Please join us for a tour of the research, fire, and crash/collision investigation departments and see the technical side of investigating accidents.

Details

Food will be provided by Potbelly Sandwich Works and will be an assortment of meat/vegetarian sandwiches with side salad, chips, cookie, and drink. Cost is \$5 for SAE student members, \$8 for SAE members, and \$10 for Non-members. RSVP by March 19th at either 800-512-1919 or sae_reservations@yahoo.com. Please indicate in the RSVP if you require a vegetarian meal.

Location

From Oakland Avenue, turn South onto State Farm Private Drive. Follow this straight back into the parking lot and park in any standard open space. All visitors must enter through the security entrance on the southeast side of the research lab.



Program Dates

September 23
Precision Driving School

October 12
Fueling Our Future Transportation Needs

November 16
ICC Design Competition

December 9
SAE Social Event

January 24
X-Prize – The \$10 Million Prize

February 27
CAT OEM Transmissions

Wednesday, March 21
State Farm Crash Investigation

March
Auto Show – Student Projects

Wednesday, April 27
SWE Career Development

May
Mapleton Foundry Tour

Event Location Sponsor

State Farm Mutual Automobile Insurance Company was founded on June 7, 1922, by George J. Mecherle, a retired farmer. It initially concentrated on meeting auto insurance needs of Illinois farmers through a mutual organization owned by the customers. By 1942, the company was the nation's largest auto insurer, a ranking it has held ever since. About one out of every five cars on the road is insured with State Farm®.



Strategic Resources/Research

To help State Farm executives and managers make sound, unbiased business decisions, the Research Department shares with them information that is collected using experimental design, statistical analysis, data reduction, sampling techniques, surveys and focus groups. Emphasis is placed on collecting new data to complement and support existing data, which are shared with internal and external audiences. The department also monitors domestic and international competition, assists Agency and Human Resources in developing better ways for selection of State Farm associates, and engages in loss mitigation activities. The department also provides advice and consultations on proper research methodologies and techniques to other departments companywide.

Event Sponsor

Cady Oil Company was established in 1949 by Shirley Terry Cady. It was originally branded Deep Rock and during the mid 50's it was changed to Standard Oil. In 1957, brands changed once more, this time for good, to Phillips 66. Cady Oil is now in its 57th year of premier fuel and oil service to Central Illinois, under the leadership of Mr. Steve Cady.



In This Issue:

- Event Lead Note
- Communication Note
- X-Prize and the Human Breakout into Space

Event Lead Note:

Fellow SAE Members,

I am one of the rookies on the program committee this year. My husband (who is also a new CIS-SAE member) and I have been in the Peoria area for four years working with Caterpillar. I became involved in CIS-SAE after a coworker on the Program Committee spotted me at the CIS-SAE NASCAR event at Caterpillar last year and invited me to join the Program Committee.

I hope that you will join us for the State Farm's Claim Technical Center tour. CIS-SAE will be going through the research, fire, and crash/collision investigation departments. CIS-SAE will get a chance to view how State Farm determines how accidents happen in cars and homes. We will get a glimpse of the science behind accident investigation and get a better understanding of how an accident scene is reverse-engineered.

Regards,
Jennifer Grote
CIS – SAE Program Committee Member





Program Dates

September 23
Precision
Driving School

October 12
Fueling Our
Future
Transportation
Needs

November 16
ICC Design
Competition

December 9
SAE Social
Event

January 24
X-Prize – The
\$10 Million
Prize

February 27
CAT OEM
Transmissions

Wednesday,
March 21
State Farm
Crash
Investigation

March
Auto Show –
Student Projects

Wednesday,
April 27
SWE Career
Development

May
Mapleton
Foundry Tour

Communication Note:

My fellow SAE Members,

No words can express our gratitude for your continuing support to our events and initiatives, through attendance and feedbacks to your CIS-SAE governing boards. Your participation and interest is our goal and inspiration. Even on the presence of inclement weather, these last few months, your participation and support has been unflinching.

Thank you!

My compliments go also to our section Program Committee, for the great variety of exciting events that we had for our 2006-2007 cycle. I encourage you, my fellow SAE members, to attend our exciting coming events: State Farm Crash and Fire Investigation, our joint Career Development event with the Society of Women Engineers (SWE) & The Mapleton Foundry Tour. Also, please stop by and check out our stand at the Civic Center Peoria Auto Show in March. At this stand we will have activities for children and will be displaying Student Projects. Last year we enjoyed having Bradley students displaying their Formula and Mini-Baja vehicles.

Please, check out our website, at www.saesections.org/cis/, where you will find detailed information on our coming, past events and interesting links. At the site, under the archives link, you will also find a collection of our previous centroid newsletters.

As always, we appreciate your inputs and ask you to please let us know how we can better serve you, our members, from a communications point of view! Contact us at CIS_SAE_Communications@yahoo.com.

Guillermo Herrera
Communications Committee



The X PRIZE and the Human Breakout into Space

Mr. Gregg Maryniak presented an expert lecture on “The X Prize and the Human Breakout into Space” on January 24, 2007, which was arranged by Central Illinois Section of SAE at WeaverRidge Golf Club, 5100 WeaverRidge Blvd. Peoria, IL.

Mr. Maryniak is the Director of the J.S. McDonnell Planetarium, Vice President of Aerospace Science of the St. Louis Science Centre and Executive Vice President of the X Prize foundation. Mr. Maryniak shared the know-how about the spaceflight White-Knife and its success and challenges through his exciting slide-show presentation. He also discussed and shared very valuable technical information about astronautics and aeronautics. As a part of presentation he showed a thrilling video of White-Knife space flight while traveling in space.



Response and attendance to this event was outstanding. Audience from the all levels enjoyed the presentation followed by questions and answers. Mr. Gregg cordially invited the audience to visit J.S. McDonnell Planetarium at St. Louis.



www.saesections.org/cis/