Welcome to the Energy Challenge 2004 Competition. The 14 participants are:

1. Georgia Tech (Mechanical Eng.)
2. Hal Lamar University
3. Miami Univ. of Ohio
4. Mississippi State Univ.
5. N. Carolina State Univ.
6. Pasadena City College
7. Savannah College of Art & Design
8. Spartan School of Aeronautics
9. SUNY-Syracuse
10. Temple Univ.
11. Univ. of Central Florida
12. Univ. of Colorado
13. Univ. of Maine
14. Western Michigan Univ.

Twelve of the fourteen teams were funded (start up grant and travel expenses) based on ranking of the proposal technical evaluations and available funds.

The theme of this year’s competition is an All Paper Snowboard contest. We’ll travel to Colorado to test out the finished snowboards April 1-4, 2004. Please plan to select and announce your team travelers within the next few weeks. Good luck in Energy Challenge 2004!

Good Housekeeping

Start-up checks will be mailed to Faculty Project Advisors soon after receipt of the completed Georgia Tech Vendor Profile Form.

Please plan to read all newsletters on a regular basis. We also expect you to visit the web site often to review all questions and answers.

All questions must be sent in writing. Go to page two of this newsletter for more information on sending in all competition related questions.

The Rules and Regulations manual is on line and can be viewed at www.ipst.edu/energy_challenge.

Please be sure to read this manual and review it often for rule clarification.
Questions and Answers

For the benefit of all, we ask that you put all questions in writing. Please note the correct e-mail address at the end of this article. Once we have received your questions, they will be forwarded to the Principal Investigators of this project. They will be answered and forwarded back to you.

The questions and answers will be published in several locations: 1) in the monthly newsletter, 2) on our web site at www.ipst.edu/energy_challenge. They will also be sent back to the person who sent them.

We cannot answer questions over the telephone, so please refrain from calling. Putting your questions in writing will ensure that they are forwarded to the correct authority and answered properly. Answers to recently submitted questions will be posted on the web page soon. Also, technical questions arising from Proposal reviews will shortly be posted on the web page.

Putting them in writing will also protect and preserve the technical integrity of all questions.

If you call us on the phone to ask questions, or forward questions directly to the Principal Investigators, you will be re-directed to send all written questions to us at Emmie.cochran@ipst.edu. Thank you for adhering to this request. Address questions to: Emmie.cochran@ipst.edu

Travel Plans

Please start planning for the April 1, 2004 trip to Denver. We have not solidified hotels or venue, but will need to get the names of all travelers and your hotel rooming lists as soon as January 13, 2004. Energy Challenge will sponsor up to four persons from each funded team: one faculty advisor and student team members. Other guests, friends and/or family members and non-funded teams must book their own arrangements and pay separately. This includes all lunches. Please plan accordingly. More about this later!
Tentative Schedule of Energy Challenge 2004

We are in the process of planning the Schedule of Events for the upcoming competition. Thus far, this is what we have. PLEASE BE ADVISED THAT THESE PLANS ARE SUBJECT TO REVISION. On Thursday, April 1, plan to arrive in Denver, Colorado at 12 noon. Thursday afternoon and early evening, there will be a tour and dinner at the National Renewable Energy Laboratory (NREL). The tour will include the Solar Energy Research Facility and two other biomass research laboratories. We will stay in the Denver area for Thursday night and will be transported by bus on the following morning (Friday) to the ski resort where the competition will be held. We are finalizing the details for the exact location and will publicize that information when it is available. On Friday, all teams will be allowed to practice on the hill for a period of approximately 2 hours. The competition will be held on Saturday, April 3rd from 9:00—2:00 pm.

On Sunday, April 4, all teams will arrive in Denver, Colorado at 12 noon and will return to their respective cities.

On the funded teams, travel expenses for three team members and an advisor will be paid by Energy Challenge Therefore, all friends, guests and family members for funded teams, and all non-funded teams will have to cover their own travel costs. See you in Denver!

<table>
<thead>
<tr>
<th>Thursday April 1, 2004</th>
<th>Saturday April 3, 2004</th>
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<tbody>
<tr>
<td>~12:00 noon</td>
<td>9:00 AM</td>
</tr>
<tr>
<td>Arrive in Denver</td>
<td>Begin Competition</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>2:00 PM</td>
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<tr>
<td>NREL Tour-Dinner</td>
<td>End Competition</td>
</tr>
<tr>
<td>6:00 PM</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>Hotel in Denver</td>
<td>Awards</td>
</tr>
<tr>
<td>Friday April 2, 2004</td>
<td>6:00 PM</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>TBD</td>
</tr>
<tr>
<td>Leave Denver by bus</td>
<td>Sunday April 4, 2004</td>
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<tr>
<td>11:00 AM</td>
<td>8:00 AM</td>
</tr>
<tr>
<td>Arrive in Winter Park</td>
<td>Return to Denver by Bus</td>
</tr>
<tr>
<td>1:00 PM</td>
<td></td>
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<tr>
<td>Practice on hill</td>
<td></td>
</tr>
<tr>
<td>6:00 PM</td>
<td></td>
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<tr>
<td>TBD</td>
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</tbody>
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Hardware

The bindings are identified as Technine Pro Starter Conventional Snowboard Bindings “01-02” (see picture). The inserts are presently being manufactured. They are 6mm x 1mm metric threaded and 0.45 inches long. One pair of binding will be provided to each Faculty Project Advisor, so be sure to check with them around the first couple of weeks in November. Two sets of inserts—8 inserts per set—are being provided to each team. One set is for the test board and one set is for the competition board. Please see the photo to the right of this article.
Guests, Family and Friends

Most teams bring guests, family and friends to the competition. This year, it is imperative that you inform everyone not funded by the competition that they will be responsible for paying for all costs, to include, travel, lodging and food. We will try to provide contact names and numbers for all hotels. Please note that there is an international band competition in Denver during this weekend.

So start planning now! Most hotels will require deposits and will not reserve rooms without deposit or full payment. We will also not be able to pay for food for anyone other than the three team members and one faculty person of all funded teams. Additional team members, family, friends may choose to purchase tickets for the dinner and/or box lunches. We will inform you of the per person cost for each of these events. You will be required to send in payment prior to departure for Denver to cover these costs for all guests, family and friends. Any person who has not prepaid for the banquet, dinner or box lunch will not be allowed to attend, and will not receive food. Please make note and plan accordingly.

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