The 2005 TECA Eastern Regional Conference
is hosted by
The Department Mathematics, Science &
Technology Education
North Carolina State University

Special thanks to our conference supporters:
Children Designing and Engineering
DEPCOE
Goodheart-Willcox
Glencoe/McGraw Hill
TIES Magazine
Kelvin Electronics
PITSCO
Society of Manufacturing Engineers
The University of Georgia (2004 Hosts)

Thanks also to
Dr. Walter Deal, Old Dominion University

2005 TECA Eastern Regional Conference Program

Virginia Beach Resort Hotel and Conference Center

Hosted by North Carolina State University
Technology Education Collegiate Association
### Saturday, February 19

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>7:30 a.m. – 5:00 p.m.</td>
<td>VTEA Board of Directors Meeting/VCTTE Meeting</td>
<td>Hosted by Mohammed Barbarji</td>
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<td></td>
<td></td>
<td>Location: Executive Board Room</td>
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<tr>
<td>8:00 – 9:30 a.m.</td>
<td>Manufacturing Contest Production Run</td>
<td>Location: Cape Henry Room</td>
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<tr>
<td>9:00 – 9:45 a.m.</td>
<td>Transportation Contest Performance Trials</td>
<td>Location: Virginia Room</td>
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<tr>
<td>10:30 – 11:30 a.m.</td>
<td>Instructional Module Competition Displays</td>
<td>Location: Virginia Room</td>
</tr>
<tr>
<td>11:15 a.m. – 1:00 p.m.</td>
<td>TECA 2004 Awards Luncheon</td>
<td>Hosted by The NC State University</td>
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<td></td>
<td>Technology Education Collegiate Association</td>
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<td></td>
<td></td>
<td>Includes: Communication Contest Video Presentations</td>
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<tr>
<td></td>
<td></td>
<td>Location: Chesapeake A, B, &amp; C</td>
</tr>
<tr>
<td>2:00 – 3:00 p.m.</td>
<td>Post Conference Planners' Meeting</td>
<td>All TECA advisors involved in planning the 2005 and 2006 conferences must attend this session. Other interested advisors are welcome. Hosted by: NC state University TECA Advisors Location: 3rd Floor Board Room</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Move static displays and posters for viewing during the lunch line</td>
<td>Location: Virginia Room</td>
</tr>
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### Thursday, February 17

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:00 a.m.-10:00 p.m.</td>
<td>Virginia Technology Education Supervisors’ Meeting</td>
<td>Hosted by Mr. George Willcox</td>
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<td></td>
<td></td>
<td>Location: Executive Board Room</td>
</tr>
<tr>
<td>4:00 – 7:00 p.m.</td>
<td>TECA Eastern Regional Conference Registration</td>
<td>All conference participants (including those who pre-registered) must visit the registration booth. All Technology Challenge contestants must register for the event by 7:00 p.m. at this booth. Hosted by the University of Georgia Technology Education Collegiate Association. Location: Upper Lobby</td>
</tr>
<tr>
<td>7:30 – 10:00 p.m.</td>
<td>Technology Challenge Competition</td>
<td>All Technology Challenge contestants must register for the event by 7:00 p.m. at the conference registration booth in the upper lobby. Location: Chesapeake B &amp; C</td>
</tr>
<tr>
<td>10:00 p.m. – Midnight</td>
<td>Immediately following the Technology Challenge No Limit Texas Hold’em Student Social. Refreshments served!</td>
<td>Come play cards at our Texas Hold’em Social! The winner is the last person left with chips; each table will have a winner! Hosted by the University of Georgia Technology Education Collegiate Association. Location: Chesapeake A</td>
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</tbody>
</table>

### Friday, February 18

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:00 – 8:00 a.m.</td>
<td>Breakfast for Virginia TECA Officers, Advisors, and Special Guests</td>
<td>Hosted by Austin Mantay of Virginia Technology Education Association By invitation only. Location: Horizons Lounge</td>
</tr>
<tr>
<td>8:00 a.m.– Noon</td>
<td>TECA Eastern Regional Conference Registration</td>
<td>All conference participants (including those who pre-registered) must visit the registration booth. Hosted by the University of Georgia Technology Education Collegiate Association. Location: Upper Lobby</td>
</tr>
</tbody>
</table>
8:00 – 8:30 a.m. **Communication Contest Orientation**
All Communication Contest teams must report to this session. Communication Contest begins.
Location: Virginia Room

**Transportation Contest Orientation**
All Transportation Contest teams must report to this session. Transportation Contest begins.
Location: Chesapeake C

**Problem Solving Contest Orientation**
All Problem Solving Contest teams must report to this session.
Location: Cape Henry Room

**Instructional Module Contest**
All teams planning to enter must report to this session.
Location: 3rd Floor Board Room

8:30 – 9:00 a.m. **Manufacturing Contest Orientation**
All Manufacturing Contest teams must report to this session.
Location: Cape Henry Room

8:30 – 9:30 a.m. **Poster Session Contest Orientation & Setup**
All Poster Session Contest teams must report to this session and set up their displays. Presentation times will be assigned during this session.
Location: Chesapeake C

8:30 a.m. – 5:00 p.m. **VA Dept of Education Meetings**
Location: Executive Board Room

9:00 a.m. – 3:30 p.m. (required break from 11:00-11:45 for Job Fair & lunch) **Automated Systems Design Contest**
All Automated Systems Design Contest teams must report to this session. Full contest conducted during this time.
Location: Virginia Room

9:00 – 9:30 a.m. **Teaching Lesson Contest Orientation**
All contestants must submit four copies of their handout during this orientation session.
Location: Dominion Room

9:30 a.m. – Noon **Poster Session Contest Presentations**
Contest teams must report for their assigned presentation time during this time block. All teams should report at least 5 minutes early and wait outside of the room until called to enter.
Location: Chesapeake C

10:00 a.m. – 12:00 p.m. **Problem Solving Contest**
All Problem Solving Contest teams must report to this session with their completed planning and design paperwork.
Hands-on part of the Problem Solving Contest begins.
Location: Cape Henry Room

9:30 a.m. – 1:00 p.m. **Elementary “Paper Engineering Challenge”**
All contest teams must report to this session. All necessary resources and design challenge will be provided during the time period.
Location: Dominion Room

11:00 a.m. – 2:00 p.m. **Job Fair**
All juniors, seniors, and graduate students are encouraged to attend this session and meet with prospective employers from about 50 school systems. Bring your resumes!
Hosted by Mr. George Willcox & Ms. Brenda Crane
Location: Chesapeake A & B

2:00 – 6:00 p.m. **Manufacturing Contest (Production System Setup)**
All Manufacturing Contest teams may use this time to set up for the manufacturing run.
Location: Cape Henry Room

1:30 – 3:00 p.m. **Teaching Lesson Contest**
Contestants must report for their assigned set up and presentation time during this time block. Wait outside of the room until called in.
Location: Dominion Room

3:00 – 4:00 p.m. **Poster Session Displays Open for Public Viewing**
All conference participants are invited to view these displays.
Location: Chesapeake C

3:30 – 3:45 p.m. **Problem Solving Contest – Turn in Results**
All Problem Solving Contest teams must submit their results according to the judges’ requirements.
Location: Suite announced by judges

4:00 – 4:30 p.m. **Take Down Poster Session Displays**
All Poster Session contestants must remove their displays during this time.
Location: Chesapeake C

5:30 – 5:45 p.m. **Transportation Contest – Turn in Results**
All Transportation Contest teams must submit their results according to the judges’ requirements.
Location: Suite announced by judges

6:30 – 6:45 p.m. **Instructional Module Contest – Turn in Results**
All Instructional Module Contest teams must submit their results according to the judges’ requirements.
Location: Dominion Room

7:00 – 8:30 p.m. **TECA 2004 Dinner Banquet**
Banquet with keynote presentation by Dr. David Gattie, University of Georgia Faculty of Engineering.
Hosted by The University of Georgia Technology Education Collegiate Association
Location: Chesapeake A, B, & C

8:45 p.m. – Midnight **Friday Fun Night Entertainment**
Immediately following the banquet Digital Photography Scavenger Hunt (each team needs to bring a digital camera to participate)
Hosted by The University of Georgia Technology Education Collegiate Association student members
Location: Virginia Room

7:00 – 11:00 p.m. **Virginia Technology Education Collegiate Association (VTEA) Executive Committee Meeting**
Hosted by Mohammed Barbarji
Location: Executive Board Room

9:00 – 10:00 p.m. **TECA Advisors Conference Meeting**
All TECA advisors encouraged to attend this session to discuss the Eastern Regional Conference.
Hosted by The University of Georgia TECA Advisors
Location: 3rd Floor Board Room