

October 14, 2008

Dear ASCE North Central Conference Student Chapter,

This is your 2008-2009 North Central Regional Conference Student Conference Mailer I, the first of three packets to be sent to each of the participating schools. For the 2009 conference, the mailing system will remain the same as last year. Mailer I will be the only hard copy mailer you will receive. All items following this mailer will be in electronic format as explained in the packet to follow. Please carefully read through this packet and distribute copies to the appropriate chairpersons in your chapter. Do not throw away this mailer! The information that is given here may not be repeated in subsequent mailers. Enclosed you will find the following information:

- * Receipt Confirmation
- * Deadlines summary
- * Tentative conference schedule
- * Registration forms
- * Competition rules and contracts

Receipt of this mailer should be confirmed by mailing or faxing the enclosed form by **October 31, 2008**. Please note that the school registration deadline is **November 25, 2008**.

“If you have any questions, please contact us via email at ltu2009ncrc@yahoo.com. All questions and answers concerning the events, rules, etc. will be posted on our website at <http://www.ltu.edu/ltu2009ncrc>. Electronic copies of this and all future mailers will also be included on our website. Please be patient with all questions and concerns, as we will do everything possible to answer them in a timely manner.

We look forward to seeing you in the spring.

Sincerely,

Jessica Seres
2009 North Central Regional
Conference Chair

2009 North Central Regional Conference Deadlines Summary

Participants

October 31, 2008	Mailer I Receipt Confirmation faxed or postmarked
November 25, 2008	School Registration postmarked
February 5, 2009	Individual Registration postmarked
March 2, 2009	Technical Paper due by 5pm
March 2, 2009	Concrete Canoe Paper due by 5pm
April 2-4, 2009	North Central Conference at Lawrence Tech University

Host:

October 16, 2008	Mailer I mailed
November 2, 2008	Test e-mail sent
January 9, 2009	Mailer II (maps, updates) sent via e-mail
March 2, 2009	Mailer III (updates, final schedule, etc) sent via e-mail

Please check our website for up to date information regarding the conference. The mailers will be summaries of information posted on the website. E-mail updates may also occur when important information is posted on our website.

Electronic Mailing Instructions:

Benefits of Electronic Mailing System:

There are several benefits to an electronic mailing system, some of these are:

- * The elimination of delay time in sending information to the appropriate people
- * Allowing direct communication to occur between the appropriate chair at your school and the host school in the event that something changes at one of the venues
- * Any time additional information is added to the conference website, a notification e-mail will be sent.
- * Saving costs on paper and postage, as well as being environmentally conscience.

Instructions for Electronic Mailing System:

In order to ensure the proper delivery of all future mailings, we are requesting that you fill in all the information you can provide us with at this time on your receipt confirmation. This information includes the contact information for your faculty advisor, student conference contact, steel bridge captain and concrete canoe captain. In addition, if you would like the e-mail information to be sent to anyone else, please send this information with the receipt confirmation. This receipt confirmation is due **October 31, 2008**.

On **November 3, 2008**, a test e-mail will be sent from our conference e-mail address, if you do not receive an e-mail on this date, we ask that you contact us as soon as possible. After this time, when our website is updated, we will send out an e-mail to notify everyone of the changes.

If your student chapter has any questions about the mailer system, please contact us at ***ltu2009ncrc@yahoo.com***. If at any time a person needs to be added to the mailing list, please send us a request with their name and contact information. We anticipate that this system will keep everyone up to date on any changing information as well as updates that will come in the future.



2009 North Central Regional Conference Receipt Confirmation

“This confirms that we have received Mailer I regarding the 2009 North Central Regional Conference. We understand that all future correspondence from the host school will be made electronically.”

Please Print or Type Clearly:

School	
School Name:	
Advisor Contact Information	
Advisor Name:	
Advisor Phone:	
Advisor Fax:	
Advisor E-mail	
ASCE Student Chapter Contact Information	
President Name:	
President E-mail:	
Steel Bridge Team Captain Contact Information	
Captain Name:	
Captain E-mail:	
Concrete Canoe Captain Contact Information	
Captain Name:	
Captain E-mail:	

Mail or fax this completed form no later than October 31, 2008 to:

ASCE LTU Student Chapter
Department of Civil Engineering
21000 West Ten Mile Road
Lawrence Tech University
Southfield, MI 48075
Fax (248) 204-2568

If there are any additional people who you would like to receive email updates, please feel free to send additional contact information. If the contact person for you school changes, please let us know at ltu2009ncrc@yahoo.com



2009 North Central Conference

Tentative Conference Schedule

Thursday April 2nd, 2009

- 6:00 pm: Welcome and Dinner
- 6:30 pm: Steel Bridge Captains Meeting
- 6:30 pm: Concrete Canoe Captains Meeting
- 6:30 pm: Concrete Bocce Ball on campus
- 7:30 pm: Technical Paper Presentation in Lear Auditorium (T429)

Friday April 3rd, 2009

Steel Bridge and Concrete Canoe Events to be held at Don Ridler Field House

- 7:00-9:00 am: Setup/Breakfast
- 9:00-9:30 am: Steel Bridge aesthetics judging
- 9:00-11:00 am: Concrete Canoe aesthetics judging
- 9:30-10:00 am: Steel Bridge judges meeting/bridge teardown
- 10:00-7:00 pm: Steel Bridge competition
- 11:00-1:00 pm: Concrete Canoe swamp test in the Don Ridler Field House Parking Lot
- 11:00-1:00 pm: Lunch
- 2:00-6:00 pm: Concrete Canoe technical presentations
- 7:00-8:00 pm: Business Meeting

Saturday April 4th, 2009

Concrete Canoe Events to be held at Kensington Metropark

- 7:00-8:00 am: Canoe Unloading
- 8:00-8:30 am: Team Captain's Meeting
- 7:00-8:30am: Breakfast on site
- 8:30-1:00 pm: Preliminary Sprint & Final Distance Canoe Races
- 1:00-2:00 pm: Lunch/Durability Judging
- 2:00-5:00 pm: Final Sprint Races
- 7:00 pm: Awards Dinner Banquet at TBD

2009 North Central Conference Registration Definitions

Team Registration - \$400 per team

- 1 concrete canoe or 1 steel bridge registered for competition
- 10 individual registrations
 - Thursday night dinner
 - Friday breakfast
 - Friday lunch
 - Competition tee shirt
 - Participation in Concrete Bocce Ball/technical paper events
- 5 banquet tickets

Individual Registration - \$20 per additional person

- Thursday night dinner
- Friday breakfast
- Friday lunch
- Competition tee shirt
- Participation in Concrete Bocce Ball/technical paper events

Conference Banquet - \$35 per person

Race day meals- \$10 per person

“Lost School” Registration

As discussed in last year’s business meeting, we are trying to come up with ways to get schools who do not normally participate in the conference to attend. One method that was suggested was to offer discounted or free registration to a school to come and check out our conference and see what it is all about. This year we are waving the individual registration fee, banquet fee, and canoe meals for up to 3 students at a “lost school.” These schools include:

Wayne State University
Calvin College



2009 North Central Conference

Team Registration

Due: November 25, 2008

Please Type or Print

School	
School name:	
Attendance	
Check <u>one</u> :	<input type="checkbox"/> We are attending the conference and will send approximately: _____ students and faculty. <i>(You will not be held to this number)</i> Enclosed please find our \$400 team registration fee. <input type="checkbox"/> We are <u>not</u> attending the conference.
Planned participation	
Check all that apply:	We plan to compete in the following events: <input type="checkbox"/> Steel bridge <input type="checkbox"/> Concrete canoe * <input type="checkbox"/> Technical paper/presentation <input type="checkbox"/> Concrete Bocce Ball

***Please remember that in order to travel to the national competition for either Steel Bridge or Concrete Canoe it is required by the National Rules Committees that your school participate in the Technical Paper Presentation.**

Please mail completed form and check to:

ASCE LTU Student Chapter
 Department of Civil Engineering
 21000 West Ten Mile Road
 Lawrence Tech University
 Southfield, MI 48075
 Fax (248) 204-2568

Please make checks payable to Lawrence Tech University



2009 North Central Regional Conference Additional Meals Registration

Due: February 5, 2009
Please Type or Print clearly.

Special event fees: \$10 for race day meals (includes breakfast and lunch), \$35 for Saturday evening awards dinner banquet.

Attendees (for meals)			
Name:		Attending:	<input type="checkbox"/> Race day breakfast/lunch <input type="checkbox"/> Banquet
Name:		Attending:	<input type="checkbox"/> Race day breakfast/lunch <input type="checkbox"/> Banquet
Name:		Attending:	<input type="checkbox"/> Race day breakfast/lunch <input type="checkbox"/> Banquet
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Name:		Attending:	<input type="checkbox"/> Race day breakfast/lunch <input type="checkbox"/> Banquet
Name:		Attending:	<input type="checkbox"/> Race day breakfast/lunch <input type="checkbox"/> Banquet
Total race day meals (includes breakfast and lunch):			×\$10
			+
Total banquets:			×\$35
TOTAL ENCLOSED MEAL FEE:			



2009 North Central Regional Conference

Concrete Bocce Ball

Rules and Regulations

THE GAME

Bocce is played with eight large balls and one smaller ball (called the pallino). The game can be played with 2, 4, or 8 players. The bocce balls are divided evenly between the number of players. Bocce ball sets are comprised of several different colors or designs. Ideally, each bocce player will use balls from the set that are unique in design or color from all the other balls in play. This is helpful in distinguishing your bocce balls from those of another player. Current open (backyard) bocce ball rules will govern play. Policies and procedures listed below shall take precedent. This event will also be judged on design and aesthetics. Please use your imagination and have fun with this! If you have any questions please contact us.

TEAMS

- Two (2) teams will play against each other in each frame. A team consists of two (2) players. Each player uses two (2) balls.

GUIDELINES FOR THE GAME

- By coin toss, a player will be chosen to throw the pallino.
- After the pallino is thrown, the same player will throw his first bocce ball. The purpose of the game is to get your bocce balls as close as possible to the pallino through placing your ball closest to the pallino, moving the pallino closer to your ball, or moving the opponents ball away from the pallino.
- After the first player has thrown his first bocce ball, he is considered "inside" because his ball is closer to the pallino than any of the competitor's balls. All other players are considered "outside."
- Whenever a player is considered "inside," he will forfeit his turn throwing bocce balls.
- All "outside" players will take turns throwing their bocce balls until one of theirs gets closer to the pallino than the "inside" player.
- After all players have thrown their bocce balls, the player that is "inside" will be awarded points.
- One point will be awarded to the team for every ball that is closer to the pallino than his closest competitor's ball.
- After the points are awarded, the frame is completed.
- A new frame will be started by electing a new person to throw the pallino and the first bocce ball.
- Frames will be played until a team reaches 21 points.
- A game is won when a team reaches 21 points

GUIDELINES FOR DESIGN AND ASTHETICS

- Each bocce ball shall be between 3.5 and 4.5 inches in diameter and 2 and 4 lbs. in weight.
- Concrete stain may be used but must be acid based.
- Concrete sealer may be used.
- A team is allowed one (1) extra set of four balls for use in the game and compressive strength testing.

WINNER WILL BE BASED ON THE FOLLOWING (as a two person team):

- Winner of game
- Compressive strength (one ball from each team member and averaged)
- Aesthetics (all four balls from each team)
- Roundness (all four balls from each team)
- Points will be awarded in each category (20 points 1st place, 18 points 2nd place, 16 points 3rd place, etc.)
- Team with highest total points after all four categories are summed together shall win the competition.

LTU will provide the pallino.



2009 North Central Regional Conference Paper Presentation Competition

TOPIC: "Sustainability and Civil Engineering"

The following can be used to stimulate, but should in no way limit, the discussion:

Canon 1 of the ASCE Code of Ethics states: "Engineers shall hold paramount the safety, health and welfare of the public and shall strive to comply with the principles of sustainable development in the performance of their professional duties." The code goes on in subparagraph f of Canon 1: "Engineers should be committed to improving the environment by adherence to the principles of sustainable development so as to enhance the quality of life of the general public." The Code of Ethics presents the following definition: "Sustainable Development is the challenge of meeting human needs for natural resources, industrial products, energy, food, transportation, shelter, and effective waste management while conserving and protecting environmental quality and the natural resource base essential for future development." There are other published definitions of terms related to sustainability, and authors should be clear as to what definition they are basing their discussion on. This definition and its inclusion in the ASCE Code of Ethics date from 1996.

Some questions or issues to consider are:

1. Is the education you are being provided sufficient for you to work as a civil engineer – are you being taught the "principles of sustainable development" as part of your academic major? If not, is this ethical?
2. What other skills, knowledge base, and/or appreciation for other disciplines does a civil engineer need to fully understand sustainability? Can you practice ethically without these skills?
3. Under what circumstances, if any, is practice in violation of the principles of sustainable development ethical?
4. When, if ever, is practice in accordance with the principles of sustainability unethical?
5. Are the development projects, in the US and/or beyond our borders, being undertaken by US governmental agencies conducted in an ethical fashion given the principles of sustainability?
6. Is the American life style ethical given the principles of sustainability? As a civil engineer should you strive to lead a more sustainable life style given the published code of conduct of your profession? At what point could the American life style become ethical and sustainable? Is this attainable?

RULES:

1. Papers are not to exceed 2,000 words in length, must be written by only one person, and should not have appeared in any publications other than in school or ASCE Student Organization publications. Reference citations of the papers should conform to the official *ASCE Authors' Guide to Journals and Practice Periodicals*, which can be found on the ASCE Publications website <http://www.pubs.asce.org/authors/index.html>. A complete bibliography should also be included, if appropriate.
2. Authors must be undergraduate students and both ASCE Student Organization members and ASCE national student members in good standing at the time of submission to be considered.
3. One electronic copy of the paper should be submitted to **Jessica Seres** at ltu2009ncrc@yahoo.com. Papers must be **received** by **March 2nd, 2009 at 5pm**.
4. Each author will be expected to make a 5-minute* oral presentation on the paper. Up to five minutes of questioning by judges will be allotted following each presentation. (*Allowance of + or – 5 seconds without penalty.)
5. The paper portion of the competition constitutes 50% of the final score, while the oral presentation accounts for the remaining 50% of the score. A detailed breakdown of the scoring procedure is outlined on the scoring summary sheet.

SELECTION:

Winners will be selected by a panel of at least three (3) judges to be identified by the host school. Prizes for winners are as follows: **1st Place \$100, 2nd Place \$60, 3rd Place \$40**

Note: Submission for the ASCE Student Conference Paper Competition does not constitute an entry for the National Daniel W. Mead Student Contest. While the paper topic is the same – and the same paper may be submitted for both contests – they are two separate events and require two separate submissions. For a complete set of rules for the 2009 National Daniel W. Mead Student Contest, please visit <http://www.asce.org/students>



2009 North Central Regional Conference Paper Presentation Competition SCORING SUMMARY SHEET

Author's Name: _____ Date: _____

ASCE Student Organization Represented: _____

Paper Scoring Criteria	Score
1. Adherence to topic (10%)	/ 10
2. Presence of original ideas and research involved (10%)	/ 10
3. Command of subject matter (10%)	/ 10
4. Spelling and grammar / length (2000 word maximum) (5%)	/ 5
5. Overall clarity, organization, quality of paper and references (15%)	/ 15
Paper Sub-Total	/ 50

Presentation Scoring Criteria	Score
1. Degree to which presentation addressed and supported key concepts of written paper and theme of contest	/ 10
2. Ability to communicate key concepts from written paper and to convince audience of their importance	/ 25
3. Personal bearing (i.e. appearance, poise, eye contact)	/ 5
4. Delivery style (i.e. reading, memorized, conversational) / pronunciation and proper use of technical language and grammar / enthusiasm and voice projection	/ 5
5. Time (5 minutes +/- 5 seconds) (5%) (Beyond 5-second allowance: 0.05 point penalty per second difference from required 5 minutes, i.e. 5:20 or 4:40 = 1 point penalty)	/ 5
6. Errors in logic or facts (up to 10 points penalty)	() penalty
Presentation Sub-Total	/ 50
Paper Sub-Total	/ 50
Overall Score	/ 100