

Conference Schedule

April 9, 2015

		Location
5:00pm-7:00pm	Hotel Check-In & Package Pick Up	Hilton Atlanta Airport
7:00pm-8:00pm	Alternative Check-In & Package Pick Up	Park Tavern
7:00pm-10:00pm	Welcome Social	Park Tavern
7:30pm-8:30pm	Concrete Canoe Captain Meeting	Park Tavern
8:30pm-9:00pm	Business Meeting	Park Tavern

April 10, 2015

7:00am-9:00am	Canoe Unloading	Dallas Landing Park
	Breakfast	Dallas Landing Park
	Canoe Judging	Dallas Landing Park
	Float Testing	Dallas Landing Park
9:00am-12:00pm	Canoe Races	Dallas Landing Park
10:00am-11:00am	T-Shirt Judging	Dallas Landing Park
12:00pm-1:00pm	Lunch	Dallas Landing Park
1:00pm-3:00pm	Canoe Races	Dallas Landing Park
1:00pm-2:30pm	Quiz Bowl	Dallas Landing Park
3:00pm-4:00pm	Tug-of-War	Dallas Landing Park
6:00pm-7:00pm	Steel Bridge Captain Meeting	Mason Building 1133
7:00pm-10:00pm	Junior-Senior Social	SkyView Atlanta

April 11, 2015

7:00-8:00am	Steel Bridge Setup & Aesthetics Judging	GWCC – B102, B103
8:00am	Steel Bridge Competition	GWCC – B102, B103
8:00am	Concrete Canoe Presentations	Mason Building 1133
9:00am-11:00am	Freshmore Competition	Mason Building Lobby
9:00am-10:00am	Hydraulics Competition	Mason Building Hydrolab
10:00am-3:00pm	Concrete Beam Test Competition	GT Structures Lab
11:00am-1:00pm	Lunch	SEB Lobby
1:00pm-3:00pm	Concrete Canoe Display Setup	Mason Building Lobby
1:00pm-2:30pm	Transportation Competition	Mason Building 2117
2:00pm-3:00pm	Mead Paper Presentation	Mason Building 1133
3:00pm-4:00pm	Concrete Canoe Display Judging	Mason Building Lobby
7:00pm-9:00pm	Awards Banquet	GT Conference Center

Welcome Social

April 9th, 2015 - 7:00pm-10:00pm

This year, the Welcome Social to kick off conference will be held at Park Tavern at Piedmont Park in Midtown, Atlanta. Piedmont Park is the largest park in Atlanta, and is known for its great views of the Midtown Atlanta skyline. Heavy hors' de vours will be provided. Feel free to bring footballs, frisbees, and other recreational equipment to use in the park during the social.

Important: During the social, both the concrete canoe captains meeting and the business meeting will be held.

Parking: Park Tavern is located at 500 10th St NE, Atlanta, GA 30309. When you arrive there will be a parking attendant from Park Tavern providing parking vouchers and instructions on where to park. If you do not arrive within the first 45 minutes of the social (by 7:45pm), you are responsible for paying for your own parking.

Friday Events

April 10th, 2015 - 7:00am-4:00pm

With the exception of the Steel Bridge Captain Meeting and Junior-Senior Social, all Friday events will be held at Dallas Landing Park located in Acworth, GA. Acworth is off of 75N approximately 30 miles outside of the city. That being said, it is critical that travel time be factored in to your arrival plans for Friday events. Atlanta traffic is very unpredictable, and can often be quite time consuming, please plan to spend at least 30 minutes in traffic in order to ensure an on-time arrival.

Location:

Dallas Landing Park
5120 Allatoona Drive,
Acworth, GA 30101

Transportation:

There was a significant amount of pushback regarding group transit to the competition site. In light of this, we have made some adjustments. If your school is interested in using transit, please let us know at gatechasce@gmail.com. Our current plan is to offer buses leaving the Airport Hilton at 5:30am and 6:30am, then make a stop at Georgia Tech around 5:45am and 6:45am, then continue to Acworth for respective arrival times of 6:45am and 7:45am. Buses will depart Dallas Landing once the day's events are done. If your school does not want to use transit, there will be parking at Dallas Landing Park.

Meals:

Both breakfast and lunch will be provided at Dallas Landing Park. In order to receive meals, each individual must have their nametag available to be hole punched. Considerations have been made for various dietary restrictions.

Concrete Canoe

7:00am-3:00pm

Concrete Canoe will be held at Dallas Landing Park from approximately 7:00am-3:00pm. Most details about the logistics of Concrete Canoe will be discussed in the captains meeting Thursday evening. Our goal is to run a smooth, efficient competition. Please read below for salient points on competition logistics.

Materials Provided:

Buckets for Swamp Testing
Sandbags for Swamp Testing

Unloading:

We are going to work to streamline the unloading process by providing time windows for each team to unload their canoes and begin the judging process. This will be discussed more in depth at the concrete canoe captains meeting.

Races:

As stated in the National rules, 5 races will be conducted for each team: Male Sprint, Male Distance, Female Sprint, Female Distance, and Coed.

Attire:

Weather in Georgia can be quite unpredictable. Please bring appropriate attire for the concrete canoe races, including rain gear, sweatshirts, etc.

Tee Shirt Competition

10:00am-11:00am

Each school participating in the T-Shirt competition may submit one T-Shirt when they check in for conference. The T-Shirt may have writing and artwork anywhere on the shirt. All artwork must be original artwork created by the students. No photographs may be used. The T-Shirt theme should be focused on a connection with the 2015 conference theme and an original slogan should also be used. 50% of the T-Shirt competition score will be based on aesthetics and creativity and 50% will be based on the creativeness of the slogan and its connection to the conference theme.

Quiz Bowl

1:00pm-2:30pm

The Quiz Bowl competition this year will be a mix of civil engineering history questions based on Panama Canal – Panama, DC Metro - Washington, DC, Interstate System – US, The Big Dig – Boston, The Channel Tunnel – England, Itaipu Dam - Paraná River, Brazil/Paraguay as well as some trivia questions on sustainability. Teams will be provided with paper, pencil, basic calculator, and any other materials needed to participate. If a tie-breaker is required, basic calculation problems from Fluid Mechanics, Deformable Bodies, Statics, Dynamics, or Structural Analysis may be used.

Tug-of-War

3:00pm-4:00pm

The tug-of-war competition will be held immediately after the completion of the concrete canoe races. Schools wishing to participate will be entered into a bracket and then allowed to compete with a maximum of 4 individuals on their team. Competitions will be held separately for males and females.

Steel Bridge Captains Meeting

6:00pm-7:00pm

A meeting will be held Friday night on the Georgia Tech campus to discuss Steel Bridge Competition logistics.

Location:

Mason Building Room 1133
790 Atlantic Dr. NW
Atlanta, GA 30318

Parking:

Parking is available in the pay lot outside of Howey Physics building located at approximately 345 Ferst Dr, Atlanta, GA 30318. Please note that you will have to pay for parking. The rate is \$2 per hour.

Junior-Senior Social

April 10th, 2015 - 7:00pm-10:00pm

The Junior-Senior social is open to all Juniors, Seniors, Graduate Students, and Faculty Advisors attending conference. This year's Junior-Senior Social will be held at SkyView Atlanta. SkyView, a ferris wheel located adjacent to Centennial Olympic Park, provides scenic views of Centennial Park, Downtown Atlanta, and Midtown Atlanta. Each attendee will be able to ride SkyView and enjoy food and beverages in the lounge throughout the social.

Location:

SkyView Atlanta
168 Luckie Street
Atlanta, GA 30303

Parking:

There is a relatively limited amount of parking available at SkyView. Parking that is available is fairly expensive. We suggest that attendees use the MARTA breeze card provided in the registration packet. When taking MARTA, get off at Peachtree Center station then walk from the station about 0.3 miles to the event.

Saturday Events

April 11th, 2015 - 7:00am-4:00pm

Saturday events, with the exception of the awards banquet, steel bridge competition, and concrete beam test, are being held on campus at the Mason Civil Engineering Building.

Parking:

Approximately 755 Ferst Dr, Atlanta, GA 30318
Signs will be marking the parking lot.

Primary Location:

Mason Building
790 Atlantic Dr NW
Atlanta, GA 30318

Transportation:

Circulating Bus Transportation will be provided to each event site (Mason Civil Engineering Building, Parking Lot, Midtown MARTA, Georgia Tech Structures Lab, and Georgia World Congress Center) throughout the day. Buses will arrive at each location approximately every 22 minutes. A larger number of buses will be provided at the on campus parking lot in the morning for individuals headed directly to the Steel Bridge competition.

Meals:

Both breakfast and lunch will be provided at the Mason Building on campus. In order to receive meals, each individual must have their nametag available to be hole punched. Considerations have been made for various dietary restrictions. Special arrangements have been made for members of steel bridge teams to have lunch at the Georgia World Congress Center.

Steel Bridge Competition

7:00am-4:00pm

This year's steel bridge competition will be held at the Georgia World Congress Center (GWCC). Most competition logistics will be discussed during the Steel Bridge Captains meeting on Friday, however important aspects of the completion are provided below.

Location:

Georgia World Congress Center – B102, B103
285 Andrew Young International Blvd
Atlanta, GA 30313

Bridge Drop-Off:

Bridges will be dropped off at the Georgia World Congress Center between 7am and 8am. Parking passes will be provided for vehicles that are dropping off bridges.

Rules:

The rules for the AISC Steel Bridge Competition are written and governed by ASCE National and the American Institute of Steel Construction (AISC). Rules for this event can be found online at: <http://www.aisc.org/content.aspx?id=780>

Concrete Canoe Presentations

8:00am-10:00am

Concrete Canoe paper presentations will be presented in Mason 1133 from 8:00am-10:00am on Saturday. Presentations will be judged according to the rules provided by ASCE.

Location:

Mason Building, Room 1133
790 Atlantic Dr NW
Atlanta, GA 30318

Freshmore Competition

9:00am-11:00am

The purpose of the Freshmore competition is to get 1st and 2nd year students engaged in a non-technical event during conference. Georgia Tech will be hosting a scavenger hunt competition around Georgia Tech's campus that will allow participants to put basic technical skills to use, and learn more about the history of civil engineering. All materials required for the competition will be provided.

Start Location:

Mason Building Lobby
790 Atlantic Dr NW
Atlanta, GA 30318

Hydraulics Competition

9:00am-10:00am

The Hydraulics competition will take place in the Georgia Tech Hydrolab in the Mason Building. This competition will include an interactive demonstration where participants will be allowed to carry out calculations to predict scour in the flume. The competition will be judged objectively using a rubric provided as part of the problem packet. Resources such as formula sheets, calculators, pencils, and paper will all be provided. All calculations should be simple enough to be completed by those individuals understanding Fluid Mechanics.

Location:

Mason Building Hydrolab
790 Atlantic Dr NW
Atlanta, GA 30318

Concrete Beam Competition

10:00am-3:00pm

The Concrete Beam Competition will take place at the Georgia Tech Structures Lab. At the beginning of the competition, a drawing will be held to decide the order in which beams will be tested. During this initial period, procedures for unloading and testing beams will be reviewed and construction logs should be submitted. From this point, testing will be conducted. Teams are only required to be present for testing their beams, however they are welcome to watch other teams conduct their tests. A break from testing will be taken from 12:00-12:30pm for volunteers to have lunch.

Location:

Georgia Tech Structural Engineering & Materials Laboratory
625 Lambert Street
Atlanta, GA 30318

Parking:

Parking will be provided for trucks that are bringing beams. Other participants and spectators should arrive via the circulating bus service.

Required Attire:

Boots

Jeans

Hard Hat (GT can provide these if your school does not have access to hard hats)

Transportation Competition

1:00pm-2:30pm

Teams will be presented a transportation problem and asked to develop a solution. The problem and all necessary resources will be provided at the time of the challenge. Each team will apply principles of transportation planning, traffic operations, and highway design to respond to the design problem. The response will be primarily qualitative, thus teams should focus on development of an innovative conceptual design that would provide a long-term transportation solution. Teams will be allocated two hours to prepare a proposed conceptual solution, organize submittal materials, and prepare a 5-minute presentation. Team presentations will be delivered to a panel of judges for review, which could include a short question and answer period. All materials required to complete the competitions will be provided.

Location:

Mason Building Classroom 2117
790 Atlantic Dr NW
Atlanta, GA 30318

Concrete Canoe Displays

1:00pm-4:00pm

Concrete Canoe displays will be set up in the Mason Building Lobby, and judged according to national rules. Each school will be provided with a 6' folding table matching rule specifications. 2 hours will be provided for set up from 1:00pm-3:00pm. Judging will take place from 3:00-4:00pm. Canoe cross sections will be unloaded behind the Mason building in a well marked location. Vehicles will still have to park in the designated lot.

Materials Provided:

6' Table

Location:

Mason Building Lobby
790 Atlantic Dr NW
Atlanta, GA 30318

ASCE National Mead Paper Competition Presentations

2:00pm-3:00pm

Mead Paper presentations will be held in the Mason Building in room 1133. The rules for the Daniel W. Mead Competition Paper are written and governed by ASCE National. For schools to participate, the paper must have been submitted by March 9, 2015. Competing students will also be required to give a formal presentation in person during the conference. PowerPoint will be available for student presentations, if desired.

Location:

Mason Building Room 1133
790 Atlantic Dr NW
Atlanta, GA 30318

Awards Banquet

April 10th, 2015 - 7:00pm-10:00pm

The Awards Banquet will be held at the Georgia Tech Hotel and Conference Center. Guests may begin arriving at between 6:15 and 7:00pm. Guests will need to wait in the foyer until seating begins between 6:45 and 7:00pm. Water will be available in this area. Dinner service will begin at 7:10pm. At 8pm, our keynote speaker, Jim Case of Uzun and Case, will begin his presentation. Awards will begin after the conclusion of the keynote. A photographer will be present to take pictures throughout the awards presentation. After awards, all attendees will need to move into the foyer for any group pictures they wish to take.



2015 ASCE Carolina's Conference



Attire:

It is suggested that attendees plan to dress business casual or business.

Parking:

Parking will be available in the conference center parking deck. Vouchers will be provided upon arrival to the event.

Location:

Georgia Tech Hotel & Conference Center
800 Spring St NW
Atlanta, GA 30308