

ASEE St. Lawrence Conference Spring 2016 - Conference Schedule

Cornell University April 8-9 2016, Ithaca NY

Friday, April 8th: Moakley House, 215 Warren Road, Ithaca, NY

5:45pm – 6:45pm

6:00pm – 7:00pm

7:00pm – 8:00pm

8:00pm – 9:00pm

Registration

Pre-Banquet Cocktail Reception (cash bar)

Banquet Dinner

Presentation by Civil and Environmental Engineering Senior Lecturer
Monroe Weber-Shirk on AguaClara Project

Keynote Banquet Speaker – Senior Lecturer Monroe Weber-Shirk



Dr. Monroe Weber-Shirk received his PhD in Environmental Engineering from Cornell University in 1992. His experiences working in Salvadoran refugee camps in Honduras helped shape his interest in sustainable technologies for safe drinking water. In 2005 he founded the AguaClara program to address the need for sustainable municipal scale water treatment in resource poor communities. His investigations of the widespread failure of automated and mechanized water treatment plants have provided the impetus to develop a new approach to solve this global infrastructure problem. He has guided the AguaClara team to invent a series of technologies that together make it possible to produce safe drinking water without using any electricity. He organized the AguaClara program to engage students to conduct research and create a free online water treatment plant design tool. He works to empower partner organizations that in turn empower communities to build, operate, and sustain their AguaClara water treatment plants. His research team is investigating methods to improve performance and reduce the cost of drinking water treatment. He guides students using a combination of peer-based, project-based, and lecture formats.

<http://aguaclara.cee.cornell.edu/>



Saturday, April 9th

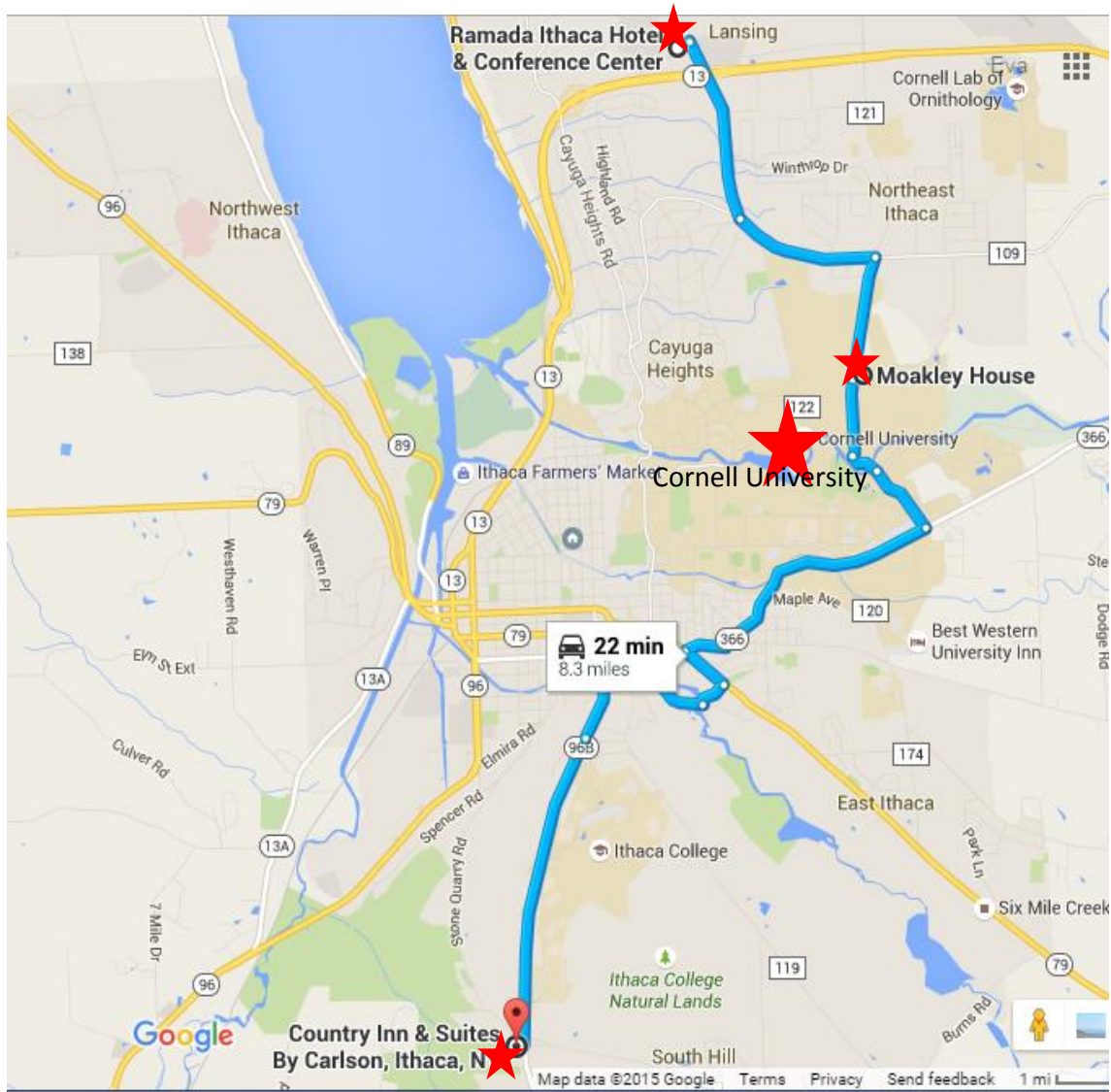
8:00am – 9:00am	Registration – Duffield Hall Atrium – Cornell University
8:00am – 8:30am	ASEE St. Lawrence Officer’s meeting (location TBD)
8:00am – 9:30am	Continental Breakfast Buffet – Duffield Hall Atrium
8:30am – 9:30am	Poster Session – Duffield Hall Atrium
9:45am – 11:45pm	Presentation/Workshop Parallel Sessions (Olin Hall)
11:50am – 12:50pm	Lunch & ASEE Announcements – Olin Hall 245 On display: Ithaca Physics Bus, Sponsors, Demo stations
1:00pm – 1:45pm	Keynote Speaker – Senior Lecturer David Schneider – Olin Hall 155
1:55pm – 3:30pm	Presentation/Workshop Parallel Sessions (Olin Hall)
3:35pm – 4:30pm	Ice Cream Social –Rhode’s Lounge (Olin Hall 128)
4:40pm –	ASEE St. Lawrence Section Board meeting (open to members) Olin Hall 216

Keynote Speaker – Senior Lecturer David Schneider

David R. Schneider’s most prominent research is his creation of the G*TA (G-Star-T-A) task allocation algorithm and his work as Program Manager of the Cornell RoboFlag program, with notable applications including AFRL UAV controls and NASA/NOAA unmanned boat designs. With a strong focus on education, David's endeavors have included the creation of the Intel-Cornell Cup, Innovative Embedded Design National Competition; leading Cornell University Sustainable Design (CUSD); and the broader impacts video game creation for the NSF Expeditions in Computing Grant on Computational Sustainability. David has led the efforts to make Cornell the first university to officially partner with Make: and is a leader in the Higher Education Maker Alliance working with the White House Office of Science and Technology Policy. He has also led with Make: the re-creation of the national entrepreneurial competition "Pitch Your Prototype" and is a leading faculty member behind the American Society of Engineering Education, Community Engaged Division Film Festival national competition. David was also a screenwriter for Walt Disney Attractions Television Production.



Maps



On map:

Hotels

Ramada Inn: 2310 N Triphammer Rd, Ithaca, NY 14850

Country Inn & Suites: 1100 Danby Rd, Ithaca, NY 14850

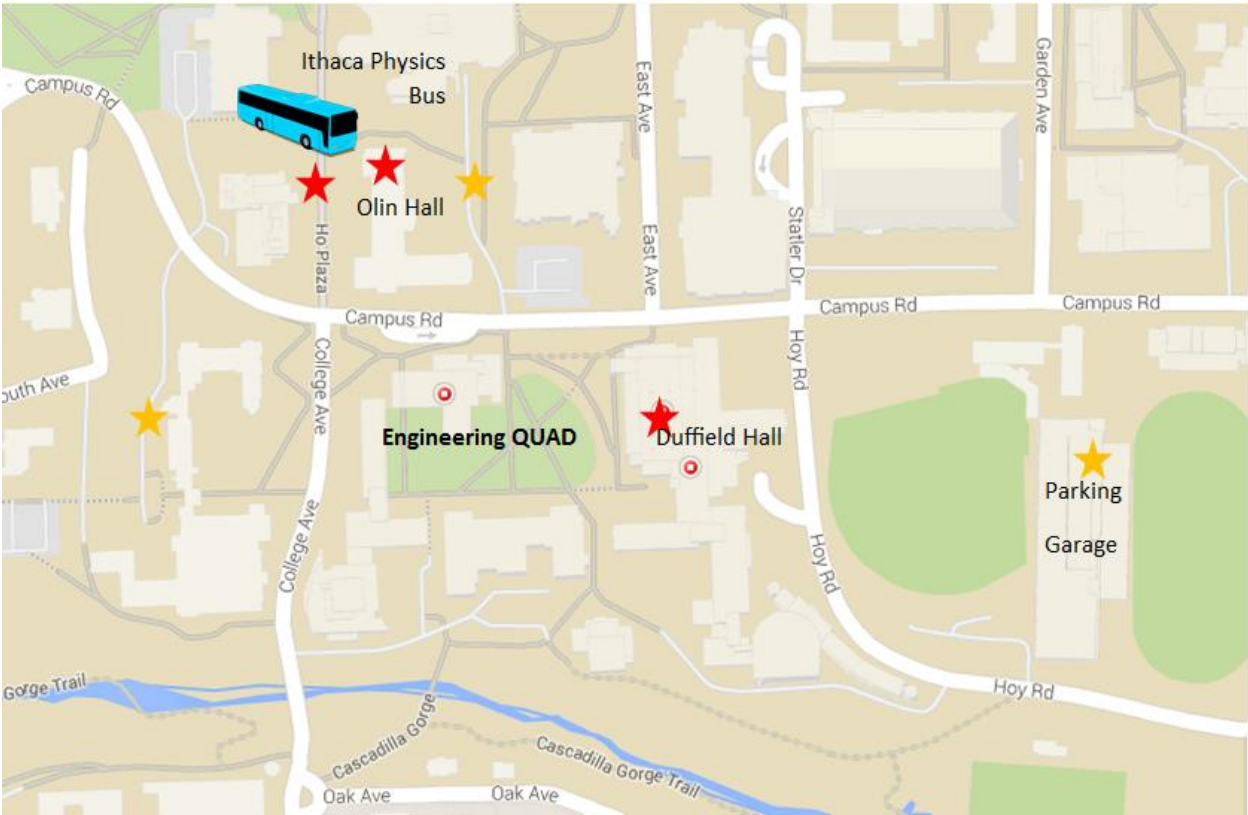
Moakley House (Friday April 8th Reception and Banquet)

213 Warren Rd, Ithaca, NY 14850

Cornell University, Ithaca Campus

Cornell University, College of Engineering

Engineering Quad



★ Additional parking