ACI at UIUC Student Chapter

ACI 2017 Spring Convention
Detroit Michigan
March 27th 2017

http://go.illinois.edu/aci
History of ACI at UIUC

• ACI-UIUC was founded in 1993
  • Undergraduate and Graduate Students
  • Mainly from CEE

• Affiliated with the ACI-Illinois (Chicago) and ACI-International (Farmington Hills, MI)

• Awarded “Excellent University” by ACI International 2011-2016
Membership

• Faculty advisor: Professor John S. Popovics, PhD

• ACI officers:
  President - Robbie Damiani
  Vice President - Jamie Clark
  Treasurer - Sachindra Dahal
  Secretary - Omar Jadallah
  Webmaster - Kathleen Hawkins

• Over 20 paid members

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Highlights of ACI at UIUC

ACI Convention: Milwaukee 2016


ACI Convention: Detroit 2017
(18 Students in attendance)
Monthly General Body Meetings

- Monthly meetings with guest speakers from industry and academia
- Past presenters include:
  - Professor David Lange
  - Wiss Janney and Elstner Associates, Inc.
  - Applied Pavement Technology
  - US Navy Civil Engineering Corps

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General Meeting (WJE Presentation)
Undergraduate Participation

• ACI student competition allows undergraduates to get hands on experience solving engineering problems with concrete

Undergraduate students: Juan Pablo Mendez-Ruiz and Lillian Lau

Mortar Workability

3D printed mold for concrete bowling ball

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Workshops

• Workshops offered to students across all disciplines
• This year’s workshops included:
  • Fundamentals of Mathematica
  • Introduction to LaTeX
• Workshops are taught by students to students
• Gives grad students an opportunity to share their knowledge and practice teaching/communication skills

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Mathematica Workshop (over 50 people attended)
Annual ACI-IL Joint Dinner

• Annual Joint dinner with Illinois Professional and ACI at UIUC Student Chapter
• Students have an opportunity to network with ACI professional members close to home
• Students have an opportunity to share their academic and research accomplishments

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Engineering Open House (EOH)

• “Concrete Coaster” Exhibit
  • Children create coasters from rapid hardening mortar and foam letters
  • Demonstrate compressive strength of high strength concrete cylinders

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Thank you!