

Thursday March 24, 2011 (5:30pm—8:30pm)

Location: University of Toledo, Engineering Building, SSOE Room.

Free parking after 5:15pm (please request a permit at arrival; check at the Registration Table).

Meeting: 5:30 pm – Registration and Social
6:00 pm –Dinner
6:30 pm – 8:45 pm Program

RSVP: neo_hadjicharalambous@urscorp.com (Neo), by 3-21-11.

Price: \$ 15.00 for members, \$25.00 non-members,
\$ 5.00 for students, cash or check at door.



Presentation 1: AISI S213-07 Cold-Form Steel Framing-Lateral Design (1.0 PDH)

Presentation 2: AF & PA SDPWS – 2008 Special Design Provisions for Wind and Seismic Design (1.0 PDH)

Speaker: Greg Bundy, PE (Strong Tie, Branch Structural Engineer- Biography on 2nd page)

Program Description:

- **AISI S213-07 Cold-Formed Steel Framing – Lateral Design:** The 2009 IBC Section 2210.6 states that all cold-formed steel light-frame shear walls, diagonal strap bracing that is part of a structural wall and diaphragms used to resist wind, seismic and other in-plane lateral loads shall be designed in accordance with AISI S213 (S213-07 *North American Standard for Cold-formed Steel – Lateral Design*). This course will provide an overview of the AISI S213 standard, including a design example, in an easy to understand format. Upon completion, the attendee will have a general knowledge of how requirements from AISI S213 affect the design of cold-formed steel light-frame structures.
- **AF&PA SDPWS-2008 Special Design Provisions for Wind and Seismic:** The 2009 IBC Section 2305.1 states that all structures using wood shear walls and diaphragms to resist wind, seismic and other lateral loads shall be designed and constructed in accordance with AF&PA SDPWS (ANSI/ AF&PA SDPWS-08 *Special Design Provisions for Wind and Seismic*). This course will provide an overview of the AF&PA SDPWS standard, including design examples, in an easy to understand format. Upon completion, the attendee will have a general knowledge of how requirements from AF&PA SDPWS affect the design and construction of light-frame wood structures

Next SEAoO Toledo Meeting: Program To Be Announced– April 28, 2011



Greg's Biography:

Greg Bundy joined Simpson Strong-Tie in 2003 as a Branch Engineer providing support to 24 states throughout the Northeast, Midwest and Mid-Atlantic regions of the United States. He is a 1984 graduate of Penn State Harrisburg with a B.S. in Structural Design and Construction Engineering Technology. Greg is a registered Professional Engineer in nine states and received certification in the practice of structural engineering from the Structural Engineering Certification Board (SECB). He is a member of the Structural Engineers Association of Ohio (SEAoO), Cold-Formed Steel Engineers Institute (CFSEI), American Institute of Steel Construction (AISC), American Welding Society (AWS) and American Wood Council (AWC). Greg has almost twenty years experience as a Structural Engineer with two consulting firms in Columbus, Ohio. Since joining Simpson Strong-Tie, he has presented workshops on a wide variety of topics. These programs focus on presenting structural design concepts in an easy to understand format.

SEAO Officers 2011

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SEAO Committees and Teams

Annual Conference 2011: Richard Meyer, P.E.
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 Code Advisory: Marshall Carman, P.E., S.E.
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 Professional Comptncy: Steve Schaefer, P.E.

SEER: Stan Fuller, P.E.
 Advocacy/Marketing: Jason Hoover, P.E., S.E.
 Membership: Mark Chupek, P.E.
 Organization Developmnt: Bill Sliwinski, P.E.
 Basic Education: Richard Meyer, P.E.
 OU Advisor: Richard Meyer, P.E.
 Faculty: Eric Steinberg, P.E., PhD.
 OSU Advisor: Carrie Bremer, P.E.
 Faculty: Halil Sezen, P.E., PhD.
 UC Advisor: Kevin Pendery, P.E.
 Faculty: GA Rassati, P.E., PhD.

All members are encouraged to be involved in SEAO. To join a committee or team please contact the person listed above.

We are looking for Member's Presentations. If you have an interesting or unusual structural engineering project to share or know someone who would make a good presentation, please contact the Continuing Education Committee.

Meeting fliers are posted on the website with final details about a month ahead of the meeting.

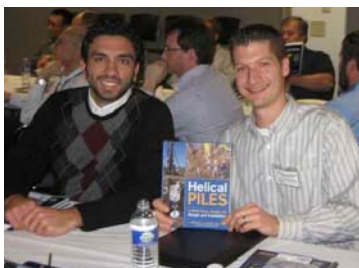
SEAO Meetings are generally 2nd Thursday, approximately 5:30-8:30 with dinner. Check the Web site for details.

Joint events may be on the other group's meeting date and place.

Tours meet at project site.

Actual dates, times and locations will vary; check website and meeting flyer for details.

SEAO Board and Committee meetings are not listed, contact committee chair for information.



2010-2011 SEAO Calendar of Events

	Cleveland	Columbus	Cincinnati	Toledo
Aug				
Sep	ANNUAL FALL CONFERENCE 2 FULL DAYS And Tour of Columbus Clippers Stadium Columbus, Ohio – SEPT 16-17, 2010			
	Steel Day, AISC Events 9-24-10	Joint Mtg – SEAO/ACI: Concrete Arches - Rome 9-30-10	Const Tour, SEAO/ASCE: Banks Cincinnati Riverfront 9-23-10	no mtg
Oct	OSU Stadium Renovation & Increasing Soil Brg Capcty 10-11-10	Const Tour, SEAO/ASCE: Children's Hospital 10-21-10	Delegate Design: Steel Connections 10-14-10	no mtg
Nov	FRP Strengthening & MBMA Presentation 11-11-10	Economical & Constructible Steel Detailing 11-11-10	Foundation Specialties: Helical Piers 11-11-10	no mtg
Dec	Code Update: IBC 06 to 09 Building Code Changes 12-9-10	Foundation Specialties: Helical Piers 12-9-10	Practical Design: CFMF Studs & More 12-9-10	no mtg
Jan	no mtg	no mtg	Joint Mtg – SEAO/ACI: Concrete Const Tolerances 1-5-11 (Lunch mtg)	Foundation Specialties: Helical Piers 1-13-11
Feb	Bar Joist Reinforcing & Masonry Detailing 2-3-11	Practical Design: CFMF Studs & More 2-10-11	Joint Mtg – SEAO/ASCE: I-75 Ohio River Bridge 2-17-11	no mtg
Mar	no mtg	Happy Hour & Open Discussion 3-8-11	Current Topics SEAO Rpts & Open Discussion 3-10-11	CFMF Lateral Design AF&PA Wind + Seismic 3-24-11
Apr	Concrete Repair & Timber Design Topic 4-7-11	Delegate Design: Steel Connections 4-14-11	Activities Night: Mentoring Future Engineers 4-TBA-11	Topic TBA 4-28-11
May	no mtg	Member's Present: Hocking College Residence Hall 5-5-11	Joint Mtg – SEAO/AIA: A-E Practice, Topic TBA 5-12-11	no mtg
Jun	PCA Presentation & Const. Defects/Liability 6-9-11	Member's Round Table: Structural Design Software 6-9-11	Case Study – TBA Member's Presentation 6-9-11	Case Study – TBA Member's Presentation 6-9-11
Jul	no mtg	no mtg	no mtg	no mtg
Aug	no mtg	no mtg	no mtg	no mtg
Sep	ANNUAL FALL CONFERENCE 2 FULL DAYS And Tour of Columbus Area of Interest Columbus, Ohio – SEPT 15-16, 2011			