

SE UNIVERSITY CORE SESSIONS

Sessions held every 2nd Wednesday of the Month.
All sessions begin at 12:30 pm ET, and are 1.5 hours unless noted otherwise

DATE	TITLE AND INFORMATION
January 9, 2019	HSS Truss Connections: The Ts, Ks and Ys Of It All Speaker: R. Bradlee Fletcher, S.E., Atlas Tube
February 13, 2019 (One-hour session)	Engineering Ethics Update & Miscellany Speaker: Matthew Rechtien, P.E., Esq., City of Ann Arbor
March 13, 2019	Avoiding Vibration Issues in your Structure Speaker: Ravi Ozarker, P.E., Hexagon Safety & Infrastructure
April 10, 2019	Lintels for Masonry Walls Speaker: Cathleen Jacinto, P.E., S.E., FORSE Consulting
May 8, 2019	Built-Up Member Design (Cold-Formed Steel) Speaker: Roger A. LaBoube, Ph.D., P.E.
June 12, 2019	2018 National Design Specification (NDS) Changes Speaker: Lori Koch, P.E., American Wood Council
July 10, 2019	Engineering Tilt-up: Design provisions born from past experiences Speaker: John Lawson, S.E., Cal Poly, San Luis Obispo
August 14, 2019	Introducing Design Guide 21: Welded Connections (Second Edition) Speaker: Duane Miller, P.E, The Lincoln Electric Company
September 11, 2019	Changes to the Seismic Design of Steel Structures Speaker: Jim Malley, S.E., Degenkolb Engineers
October 9, 2019	Retrofitting of Existing Buildings with Steel Joists Speakers: Bruce Brothersen, P.E., S.E., Nucor and Walter Worthley, P.E., S.E., Valley Joist
November 20, 2019	Wind Loads on Non-Building Structures Speaker: Emily Guglielmo, S.E., P.E., Martin/Martin, Inc.
December 11, 2019 (One-hour Session)	Developing Effective Communication Skills for Structural Engineers Speaker: Anthony Fasano, P.E., Engineering Management Institute

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January 10, 2018	Selecting the Appropriate Seismic Steel System for Your Project Speaker: Patrick Fortney, Ph.D., P.E., S.E., P.Eng.
February 14, 2018	Understanding the “Costs” of Connections Used in Steel Seismic Projects Speaker: Patrick Fortney, Ph.D., P.E., S.E., P.Eng.
March 14, 2018	Classical Design Methods Speaker: David Odeh, S.E., P.E., SECB, F.SEI, F.ASCE, Odeh Engineers, Inc.
April 18, 2018 (Date Change & One-hour session)	Engineering Law and Ethics Case Studies Speaker: Matthew Rechten, P.E., Esq.
May 9, 2018	Frame for Success – Best Practices for Wood Buildings Speaker: Robert Kuserk, P.E., APA – The Engineered Wood Association
June 13, 2018	Steel Deck Diaphragm Attachment Speaker: Keith Cullum, P.E., Simpson Strong Tie
July 11, 2018 One-hour session	Project Quality and Inspection Requirements Speaker: Dave Adams, S.E., BWE
August 8, 2018	Behavior and Design of Anchors in Concrete Speaker: Don Meinheit, Ph.D., P.E., S.E., Wiss, Janey, Elstner Associates, Inc.
September 12, 2018	Anchors: Design Examples and Procurement/Installation/Inspection Speaker: Don Meinheit, Ph.D., P.E., S.E., Wiss, Janey, Elstner Associates, Inc.
October 10, 2018	Improving Clarity, Coherence, and Conciseness in Technical Writing Speaker: Janel Miller, University of Wisconsin- Madison
November 14, 2018	Updates to ASCE7-16 Wind Speaker: Don Scott, S.E., PCS Structural Solutions
December 12, 2018	Updates to ASCE7-16 Seismic Speaker: John Hooper, S.E., Magnusson Klemencic Associates

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January 11, 2017 One-hour session	A Case Study, and Legal Perspectives, on Engineering Ethics: The Kansas City Hyatt Speaker: Matthew Rechtien, P.E., Esq., Bodman Law, PLC
February 8, 2017	Welding Myths that Structural Engineers Need to Know About Speaker: Duane Miller, P.E., The Lincoln Electric Company
March 8, 2017	Masonry Movement Joints from a Structural and Architectural Perspective Speakers: Sam Rubenzer, P.E., S.E., FORSE Consulting Pat Conway, AIA, International Masonry Institute
April 19, 2017 (date change)	2015 National Design Specification® (NDS®) for Wood Construction – Significant Changes including Cross-laminated Timber Speaker: Lori Koch, P.E., American Wood Council
May 10, 2017	The Chevron Effect-Not an Isolated Problem Speaker: Patrick Fortney, Ph.D., P.E., S.E., P.Eng.
June 14, 2017	Moment Frames: Design and Detailing per AISC 341 and 358 Speaker: Matt Mester, P.E., S.E., Sideplate Systems, Inc.
July 12, 2017	Buckling Restrained Braced Frames Speaker: Kimberley Robinson, P.E., S.E., SunSteel LLC
August 9, 2017 One-hour session	Digital Presence for Engineers: What are your emails really saying? Speaker: Ash Norton, Ash Norton Engineering Leadership
September 13, 2017	IBC 2012/2015 & ACI 318-11/14 Design Considerations Associated with Post-Installed Adhesive Anchor Products Speaker: Kevin Davenport, P.E., Simpson Strong-Tie
October 11, 2017	Post-Tensioned Concrete Analysis and Design Speaker: Otto Schwarz, P.E., S.E., Ryan Biggs Clark Davis
November 8, 2017	Validating Software Results Speaker: Matt Brown, S.E., Newport Structural Design, Inc.
December 13, 2017	Tornado/Storm Shelter Design Requirements Speaker: Jason Pirtle, P.E., Jason Pirtle Structural Engineers, LLC

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DATE	TITLE AND INFORMATION
January 13, 2016	Vibration of Reinforced Concrete Floor Systems – Part II Speaker: Mike Mota, Ph.D., P.E., CRSI
February 10, 2016 2 one-hour sessions	Ethics for Structural Engineers: Lessons in Negligence & Incompetence (Parts I & II) Speaker: Dave Adams, S.E., BWE
March 9, 2016	Implementation of the ISC Physical Security Design Requirements for Federal Buildings Speaker: Aldo McKay, P.E., Protection Engineering Consultants
April 20, 2016 DATE CHANGE	Evaluation and Repair of Precast and Post-Tensioned Concrete Parking Structures Speaker: Otto Schwarz, P.E., S.E., Ryan Biggs Clark Davis Engineering & Surveying, P.C.
May 11, 2016	Masonry Analysis and Design with FEA Software Speaker: Sam Rubenzer, P.E., S.E., FORSE Consulting
June 8, 2016	Best Practices to Improve Structural Construction Documents Speakers: Carol Post, P.E., S.E., - Thornton Tomasetti Cathleen Jacinto, P.E., S.E., - FORSE Consulting/SE University
July 13, 2016 One-hour session	Advancements in Force Transfer Around Openings for Wood Shear Walls Speaker: Karyn Beebe, P.E., APA – The Engineered Wood Association
August 10, 2016	Effective Communication Skills for Workplace Conversations, Meetings, and Presentations Speaker: Annie Kao, P.E., Simpson Strong-Tie
September 14, 2016	Design Aids and Design Examples for Cold-Formed Steel Speaker: Roger A. LaBoube, Ph.D., P.E., Missouri University of Science & Technology
October 12, 2016	Advanced Topics in Composite Steel Beam Design: Retrofit, Slab Openings, and Changes to Minimum Percent Composite Speaker: Susan Burmeister, P.E., S2B Structural Consultants PLLC
November 9, 2016	The Indiana State Fair Collapse Incident Speaker: Scott Nacheman, MSc.Eng, AIA, DeSimone Consulting Engineers
December 14, 2016	Structural Irregularities per the ASCE7 Seismic Design Requirements Speaker: Kimberley Robinson, P.E., S.E., SunSteel LLC

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DATE	TITLE AND INFORMATION
January 14, 2015	<p style="text-align: center;">Load Transfer Through Diaphragms Speaker: Terry Malone, P.E., S.E., Woodworks</p>
February 11, 2015	<p style="text-align: center;">Load Transfer Through Shear Walls Speaker: Terry Malone, P.E., S.E., Woodworks</p>
March 11, 2015	<p style="text-align: center;">Concrete Slabs on Grade: Analysis, Design, and Detailing Speaker: Otto Schwarz, P.E., S.E., Ryan Biggs Clark Davis Engineering & Surveying, P.C.</p>
April 8, 2015 One hour session	<p style="text-align: center;">Checklists for Construction Administration Speaker: Cathleen Jacinto, P.E., S.E.</p>
May 13, 2015	<p style="text-align: center;">Mat Foundations and Soil Structure Interaction Speaker: Ian McFarlane, P.E., Magnusson Klemencic Associates</p>
June 10, 2015	<p style="text-align: center;">Software Default Settings and Effects on Structural Models (RAM Structural System) Speaker: Seth Guthrie, P.E., S.E., Bentley Systems</p>
July 15, 2015 DATE CHANGE	<p style="text-align: center;">Flexural Design of Single Angle Members Speaker: Whitney McNulty, P.E., SECB</p>
August 12, 2015 One hour session	<p style="text-align: center;">Designing Slides for Effective Project Presentations Speaker: Janel Miller, Business Processes & Quality Management</p>
September 9, 2015	<p style="text-align: center;">Clarifying Frequently Misunderstood Wind Provisions Speaker: Emily Guglielmo, S.E., P.E., Martin/Martin, Inc.</p>
October 14, 2015	<p style="text-align: center;">Understanding Load Paths Speaker: Carol Drucker, S.E., P.E., Drucker Zajdel Structural Engineers, Inc.</p>
November 18, 2015 DATE CHANGE	<p style="text-align: center;">Clarifying Frequently Misunderstood Seismic Provisions Speaker: Emily Guglielmo, S.E., P.E., Martin/Martin, Inc.</p>
December 9, 2015	<p style="text-align: center;">Vibration of Reinforced Concrete Floor Systems – Part I Speaker: Mike Mota, Ph.D., P.E., CRSI</p>

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DATE	TITLE AND INFORMATION
January 8, 2014	Moment Connections to HSS Columns (HSS Series #1) Speaker: Kim Olson, P.E., Sam Rubenzer, P.E., S.E., FORSE Consulting
February 12, 2014	Truss and Bracing Connections with HSS Members (HSS Series #2) Speaker: Kim Olson, P.E., Sam Rubenzer, P.E., S.E., FORSE Consulting
March 12, 2014	Seismic Design of Reinforced Concrete: Special Moment Frames Speaker: Jack Moehle, Ph.D., P.E., UC Berkeley
April 9, 2014 One hour session	Checklists for the Quality Assurance of Calculations, Design, and Drawing Production Speaker: Tom Heausler, P.E., S.E., Heausler Structural Engineers
May 14, 2014	Rules of Thumb for Industrial Building Design Speaker: William Kussro, P.E., S.E., Giffels – IBI Group
June 11, 2014	Frequently Asked Questions for Cold-Formed Steel Design Speaker: Roger LaBoube, Ph.D., P.E.
July 9, 2014	Legal Issues Impacting Shop Drawing Review/Submittals Speaker: Matthew Rechten, P.E., Esq., Bodman Law
August 13, 2014	Using Tuned Mass Dampers to Control Floor Vibrations Speaker: Reza Kashani, Ph.D., P.E., DEICON
September 10, 2014 One hour session	Designing for ASCE 7 Wind Load – Main Wind Force Resisting System Speaker: Don Scott, S.E., PCS Structural Solutions
October 8, 2014 One hour session	Designing for ASCE 7 Wind Load – Components & Cladding Speaker: Don Scott, S.E., PCS Structural Solutions
November 12, 2014 One hour session	Ethics in the Practice of Professional Engineering Speaker: Vincent Drnevich, Ph.D., P.E., Purdue University
December 10, 2014 One hour session	Guidelines for Reviewing Concrete Mix Designs Speaker: Art Dell, P.E., SOHA Engineers
December 17, 2014	Concrete Mix Designs and Admixtures Speaker: Tarek Khan, F.ACI, BASF Construction Chemicals

SE UNIVERSITY CORE SESSIONS

(SEE PAGE 2 FOR SEU SUPPLEMENTAL SESSIONS)

Sessions held every 2nd Wednesday of the Month.

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DATE	TITLE AND INFORMATION
January 9, 2013	ACI Appendix D – Updates for ACI 318-11 Speaker: Mark Bartlett, P.E., RLG Consulting Engineers
February 13, 2013	Using Open Web Steel Joists and Joist Girders in the Design of Lateral Load Resisting Frames Speaker: Perry Green, Ph.D., P.E., Bechtel Power Corporation
March 13, 2013	Design Issues when Specifying Open Web Steel Joists and Joist Girders Speaker: Perry Green, Ph.D., P.E., Bechtel Power Corporation
April 10, 2013	Special Inspections in the IBC Building Code Speaker: Otto Schwarz, P.E., S.E., Ryan-Biggs Associates
May 8, 2013	Engineering Ethics: A Case Study on the Kansas City Hyatt Hotel Collapse (2 Hrs.) Speaker: J. Paul Guyer, P.E., R.A., Guyer Partners
June 12, 2013	Force Transfer Around Openings for Wood Shear Walls Speaker: Karyn Beebe, P.E., APA - The Engineered Wood Association
July 10, 2013	Structural Fire Protection Speaker: Kevin LaMalva, P.E., Simpson Gumpertz & Heger
August 14, 2013	Bracing Masonry Walls Under Construction Speaker: Scott Walkowicz, P.E., Walkowicz Consulting Engineers
September 11, 2013	ASCE7 Ponding and Roof Drainage: Not My Problem...Maybe (1 Hr.) Speaker: John Lawson, S.E., Cal Poly, San Luis Obispo
October 9, 2013	Improving Your Writing Skills as a Structural Engineer Speaker: Janel Miller, Business Processes & Quality Management
November 13, 2013	Seismic Design of Buildings Applied to Industrial and Power Structures Speaker: Tom Heausler, P.E., S.E., Heausler Structural Engineers
December 11, 2013	Design of Maintenance Access and Fall Protection Systems for New and Existing Buildings Speaker: Kelly Streeter, P.E., Vertical Access

SE UNIVERSITY CORE SESSIONS

(SEE PAGE 2 FOR SEU SUPPLEMENTAL SESSIONS)

Sessions held every 2nd Wednesday of the Month from 12:30 – 2:00 pm ET

DATE	TITLE AND INFORMATION
January 11, 2012	Accurate Long-Term Deflection Predictions for Concrete Structures Speaker: Jonathan Hirsch, P.E., Bentley Systems
February 8, 2012	Cold-Formed Steel Design – Design Standards, Part I Speaker: Roger LaBoube, Ph.D., P.E.
March 14, 2012	Cold-Formed Steel Design – Design Standards, Part II Speaker: Roger LaBoube, Ph.D., P.E.
April 11, 2012	Structural Inspections after an Earthquake: Case Studies from Mineral, VA Event Speakers: Mat Daw, P.E., Keast & Hood Co. Matthew Farmer, P.E., Wiss, Janney, Elstner Associates, Inc.
May 9, 2012	ASCE7-10: Modifications to Wind Loading Requirements Speaker: Jason Ericksen, S.E.
June 13, 2012	Fundamentals of Blast Design Speaker: Ed Conrath, P.E., Protection Engineering Consultants
July 11, 2012	Interoperability: Using Analysis Software with BIM Tools Speakers: Lisa Willard, P.E., SE Solutions, LLC Doug Fitzpatrick, P.E., Fitzpatrick Engineering Group
August 8, 2012	Masonry Building Design: An Overview of Masonry Building Design Methods Speaker: Scott Walkowicz, P.E., Walkowicz Consulting Engineers, LLC
September 12, 2012	Floor Vibrations due to Human Activities Speaker: Chris Raebel, Ph.D., P.E., S.E., Milwaukee School of Engineering
October 10, 2012	Case Study for Wood Design: Five Story Mixed-Use over Two Story Below-Grade Parking Speaker: Ross Turner, P.E., S.E., Meyer Borgman Johnson
November 14, 2012	How to Read and Understand a Geotechnical Report Speaker: Bill Kwasny, P.E., American Engineering Testing, Inc.
December 12, 2012	Behavior, Analysis, and Design of Post-Tensioned Floors Speaker: Jonathan Hirsch, P.E., Bentley Systems

Topics and speakers subject to change due to speaker availability

Updated 8/31/2012

2011 SE UNIVERSITY SESSIONS

Recordings available for all sessions

DATE	TITLE AND INFORMATION
January 12, 2011	<p align="center">Understanding Steel Connections, Including Seismic R=3 Speaker: Steve Ashton, P.E., SECB – Ashton Engineering and Detailing</p>
February 9 & 10, 2011	<p align="center">Practical Steel Seismic Connections (R>3) 1-hour session (12:30 – 1:30) each day Speaker: Kevin Moore, S.E. – Certus Consulting</p>
March 9, 2011	<p align="center">Understanding Dynamic Analysis Speaker: Sam Rubenzer, P.E., S.E. – FORSE Consulting</p>
April 13, 2011	<p align="center">Being Successful in your Firm; 6 Important Steps to Help you and Your Company Speaker: Anthony Fasano, P.E., LEED AP, CPC – Powerful Purpose Associates</p>
May 11, 2011	<p align="center">Design of Tilt-Up Wall Systems Speakers: John Ashbaugh, P.E. & Greg Riley, P.E. – Steven Schaefer Associates, Inc.</p>
June 8, 2011	<p align="center">Geotechnical Considerations for Structural Engineers Speaker: Ehsan Kianirad, PhD, and Jean Louis Locsin, PhD – Haley & Aldrich</p>
July 13, 2011	<p align="center">Ethics; A Case Study for Structural Engineers Speaker: Kim Roddis, PhD, P.E. – George Washington University</p>
August 10, 2011	<p align="center">Seismic Considerations for Non-Structural Elements Speaker: Scott Campbell, P.E. – Structural Analysis Consulting Group</p>
September 14, 2011	<p align="center">Understanding and Detailing for Wood Shrinkage Speaker: Doug Steimle, P.E. – Steven Schaefer Associates, Inc.</p>
October 12, 2011	<p align="center">Interpersonal Communication for Structural Engineers Speaker: Jon Stigliano – Strategic Solutions Group</p>
November 9, 2011 and November 15, 2011	<p align="center">Diaphragm Considerations for Structural Engineers and Best Practices for Modeling Diaphragms (1 hour) Speaker: Allen Adams, S.E. – Bentley Systems</p>
December 14, 2011	<p align="center">ASCE7-10 – General Seismic Design Requirements for Buildings Speaker: John Hooper, S.E. – Magnusson Klemencic Associates</p>

2010 SE UNIVERSITY SESSIONS

Recordings available for all sessions

DATE	TITLE AND INFORMATION
February 10, 2010	Implementing a Software Error Reduction Plan (SERP) for your Company
March 10, 2010	AISC 360-05 Implementation in RAM Frame – Critical Items
April 14, 2010	“I’ll Review the Shop Drawings!” Current Technology Improving how Structural Engineers can Review Steel Shop Drawings.
May 12, 2010	Understanding ACI Appendix D – Anchorage for Cast-in-Place and Post-Installed Anchors (PART 1) Speaker: Mark Bartlett, PE
June 9, 2010	ACI Appendix D – Anchorage for Cast-in-Place and Post-Installed Anchors (PART 2)
June 23, 2010	Understanding the Direct Analysis Method in the AISC 13th Edition (1 hour) Speaker: Jason Ericksen, SE
July 14 & 15, 2010	Best Practices: Integrating Structural Software with BIM Software Integrating RAM Structural System with Revit Structure (1 hour) Speaker: Sam Rubenzer, PE, SE – FORSE Consulting Integrating RISA Building System with Revit Structure (1 hour) Speaker: Matt Brown, PE – RISA Technologies
August 11, 2010	Improving your Written Communication Skills as a Structural Engineer Speakers: Todd Whaley, PE – RTKL Tom Normile, Keast & Hood Company
September 8, 2010	Key Considerations for the Attachment of Facades to Structures Speaker: James Parker, PE, SE – Simpson Gumpertz & Heger
October 13, 2010	Managing Multiple Priorities; Improving your Time Management Skills as a Structural Engineer Speaker: Jon Stigliano – Strategic Solutions Group
November 10, 2010	Legal Issues in Integrating BIM into your Office Speakers: Gregg Bundschuh, JD – Ames & Gough David Odeh, PE – Odeh Engineers, Mark Willey, PE – Pond & Company
December 7, 2010	Design of Buildings to Resist Progressive Collapse: Revised DoD UFC 4-023-03 David J. Stevens, PhD, PE – Protection Engineering Consultants