

Faculty Information

Learn more about our distinguished faculty at www.halfmoonseminars.org

Distributed Batteries for Solar PV Systems

JR Cromer is a master electrician and a mechanical engineer from the University of Pennsylvania, and he is a North American Board of Certified Energy Practitioners (NABCEP)-certified PV installation professional. Mr. Cromer has led the development, design, and installation of 1.3MW of solar power projects across a broad spectrum of residential, commercial, and “megawatt” level projects. His recent project experiences cover ground and rooftop mounting techniques, as well as solar leasing.

Compliance with the 2018 International Building Code

Lawrence Lile is the owner of Lile Engineering, which specializes in commercial energy solutions and LEED certification consulting. Mr. Lile has worked in the design industry for over 30 years, on healthcare, industrial, commercial and educational construction projects. He has been involved in electrical and mechanical design, as well as construction management and commissioning. He has volunteered for local city boards and commissions, including the City of Columbia Energy and Environment Commission, which he chaired from 2009 – 2015, helping the city review and adopt new building codes. Mr. Lile is a licensed professional engineer in Missouri.

Tree Science

John Palmer of PlanetCare Landscape and Arboricultural Services in Lakewood, Ohio, is a consulting arborist, certified by the International Society of Arboriculture, and an advanced tree risk assessor. He is an author, speaker, and trainer, on subjects including the future of urban forestry, Deforestation By Design™, the new construction paradigm, and the leadership laws of nature. His focus is on trees in urban and construction environments, soil deficiencies and the importance of soils for sustainable mature trees, increasing urban tree canopies by ensuring trees live to maturity, and unsustainable landscape designs.

Structural Forensic Engineering

Mr. Collins O.Y. Ofori-Amanfo, P.E., is the owner and principal engineer of Collins Forensics LLP. His experience includes investigation of construction defects and damage, investigation of condensation in building envelopes, evaluation of roof and wall leakage, field water spray testing of windows, and assessment of wind and hail damage to roofing materials. His work also involves giving expert testimony and assisting attorneys in resolving disputes over construction and materials-related problems. He received his B.S. degree in Civil Engineering from the University of Science and Technology in Ghana and his M.S. degree in Structural Engineering from the University of Minnesota, Minneapolis.

Water Conservation

Chris Maxwell-Gaines, P.E., of Innovative Water Solutions, LLC, served 27 months in the Peace Corps, where he and his wife helped a village in the Amazon rainforest implement a water well project, provided after-school tutoring, and provided business training. In 2004, he started Innovative Water Solutions LLC. IWS is a design/build water conservation company that focuses on the nexus of stormwater management and water conservation.

Special Inspections under the IBC Chapter 17

James A. D'Aloisio, P.E., SECB, LEED AP is a principal with Klepper, Hahn & Hyatt, a structural engineering, landscape architecture, and building envelope services firm in East Syracuse, New York. A graduate of Rensselaer Polytechnic Institute, Mr. D'Aloisio is a professional engineer, registered in New York and Massachusetts, and has been certified by the Structural Engineering Certification Board (SECB) since its inception in 2007. He is a member and past president (1997-1998) of the American Society of Civil Engineers (ASCE) Syracuse Section, and he is a member of the American Institute of Steel Construction (AISC), the National Society of Professional Engineers (NSPE), and the Consulting Engineers Council of New York State (CEC-NYS). Mr. D'Aloisio is also the chair of the Sustainability Committee of ASCE's Structural Engineering Institute.

April Webinar Series

- Distributed Batteries for Solar PV Systems
- Compliance with the 2018 International Building Code
- Tree Science
- Water Conservation
- Structural Forensic Engineering
- Special Inspections under the IBC Chapter 17



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April Webinar Series

Distributed Batteries for Solar PV Systems

- Thursday, April 2, and Friday, April 3

Compliance with the 2018 International Building Code

- Wednesday, April 8, and Thursday, April 9

Tree Science

- Wednesday, April 15, and Thursday, April 16

Structural Forensic Engineering

- Thursday, April 16, and Friday, April 17

Water Conservation

- Thursday, April 23, and Friday, April 24

Special Inspections under the IBC Chapter 17

- Wednesday, April 29, and Thursday, April 30



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April Webinar Series



Distributed Batteries for Solar PV Systems

Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours AIA: 6.0 LU|HSW

Compliance with the 2018 International Building Code

Engineers: 5.5 PDHs ICC: .55 CEUs (Electrical)
Architects: 5.5 HSW CE Hours AIA: 5.5 LU|HSW

Tree Science

Engineers: 6.5 PDHs Architects: 6.5 HSW CE Hours AIA: 6.5 LU|HSW
Landscape Architects: 6.5 HSW CE Hours LA/CES: 6.5 HSW PDHs ISA: Pending

Structural Forensic Engineering

Engineers: 7.0 PDHs ICC: .7 CEUs (Building)
Architects: 7.0 HSW CE Hours AIA: 7.0 LU|HSW

Water Conservation

Engineers: 6.5 PDHs Architects: 6.5 HSW CE Hours AIA: 6.5 LU|HSW

Special Inspections under the IBC Chapter 17

Engineers: 7.0 PDHs ICC: .7 CEUs (Building)
Architects: 7.0 HSW CE Hours AIA: 7.0 LU|HSW

*Each webinar in these series earns continuing education credit.
The credit hours shown above are for all webinars in each series.*

To register and to view webinar agendas visit us online at:
www.halfmoonseminars.org/webinars/

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Distributed Batteries for Solar PV Systems

Series Tuition: ~~-\$300~~ **\$250** when you register for both webinars

Total Credits: Engineers: 6.0 PDHs **Architects:** 6.0 HSW CE Hours **AIA:** 6.0 LU|HSW
(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

Distributed Batteries for Solar PV Systems, Part I

Thursday, April 2, 2020, 11:00 AM - 2:15 PM CDT (incl. 15 min. break) **Tuition:** \$150

Distributed Batteries for Solar PV Systems, Part II

Friday, April 3, 2020, 11:00 AM - 2:15 PM CDT (incl. 15 min. break) **Tuition:** \$150

Compliance with the 2018 International Building Code

Series Tuition: ~~-\$275~~ **\$225** when you register for all three webinars

Total Credits: Engineers: 5.5 PDHs **ICC:** .55 CEUs (Electrical)
Architects: 5.5 HSW CE Hours **AIA:** 5.5 LU|HSW
(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

Compliance with the 2018 International Building Code, Part I

Wednesday, April 8, 2020, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Compliance with the 2018 International Building Code, Part II

Wednesday, April 8, 2020, 1:30 - 3:30 PM CDT **Tuition:** \$100

Compliance with the 2018 International Building Code, Part III

Thursday, April 9, 2020, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

Tree Science

Series Tuition: ~~-\$325~~ **\$275** when you register for all four webinars

Total Credits: Engineers: 6.5 PDHs **Architects:** 6.5 HSW CE Hours **AIA:** 6.5 LU|HSW
Landscape Architects: 6.5 HSW CE Hours **LA/CES:** 6.5 HSW PDHs **ISA:** Pending
(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

Biology and Benefits of Trees

Wednesday, April 15, 2020, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Tree Infrastructure: Design Elements That Appreciate

Wednesday, April 15, 2020, 1:30 - 3:00 PM CDT **Tuition:** \$75

Trees and Site Requirements

Thursday, April 16, 2020, 11:00 AM - 12:00 PM CDT **Tuition:** \$50

Project Completion and Tree Threat Prevention

Thursday, April 16, 2020, 12:30 - 2:30 PM CDT **Tuition:** \$100

Structural Forensic Engineering

Series Tuition: ~~-\$350~~ **\$300** when you register for all four webinars

Total Credits: Engineers: 7.0 PDHs **ICC:** .7 CEUs (Building)
Architects: 7.0 HSW CE Hours **AIA:** 7.0 LU|HSW
(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

Overview of the Role of Forensic Engineering

Thursday, April 16, 2020, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

Forensic Engineering Process and Forensic Engineering Report

Thursday, April 16, 2020, 1:00 - 3:00 PM CDT **Tuition:** \$100

Causes of Structural Failures

Friday April 17, 2020, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

Forensic Examination of Structures and Use in Litigation

Friday April 17, 2020, 1:00 - 3:00 PM CDT **Tuition:** \$100

Water Conservation

Series Tuition: ~~-\$325~~ **\$275** when you register for all four webinars

Total Credits: Engineers: 6.5 PDHs **Architects:** 6.5 HSW CE Hours **AIA:** 6.5 LU|HSW
(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

Reviewing the Owner's Commitment to Water Conservation and Applicable Codes and Standards

Thursday, April 23, 2020, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

Assessing the Building Site

Thursday, April 23, 2020, 1:00 - 2:00 PM CDT **Tuition:** \$50

Conserving and Reducing Water Use

Friday April 24, 2020, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Onsite Water Recycling and Minimizing Water Use

Friday April 24, 2020, 1:30 - 3:30 PM CDT **Tuition:** \$100

Each webinar can be taken individually. For credit breakdown, and to see detailed webinar information including agendas, please visit us at:

www.halfmoonseminars.org/webinars/

Special Inspections under the IBC Chapter 17

Series Tuition: ~~-\$350~~ **\$300** when you register for both webinars

Total Credits: Engineers: 7.0 PDHs **ICC:** .7 CEUs (Building)
Architects: 7.0 HSW CE Hours **AIA:** 7.0 LU|HSW
(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

Special Inspections under the IBC Chapter 17, Part I

Wednesday, April 29, 2020, 11:00 AM - 2:15 PM CDT (incl. 15 min. break) **Tuition:** \$150

Special Inspections under the IBC Chapter 17, Part II

Thursday, April 30, 2020, 11:00 AM - 3:15 PM CDT (incl. 15 min. break) **Tuition:** \$200

Continuing Education Credit Information

These live, interactive webinars are designed to qualify for engineer, architect and/or landscape architect continuing education credit in most states. Course participants need to be aware of any state continuing education restrictions/limitations on distant learning. See each webinar listing for offered credits.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina, and North Dakota. HalfMoon Education is deemed a New York-approved continuing education provider for engineers, architects and landscape architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2), §69.6(i)(2)) and §79-1.5(i)(2).

Halfmoon Education is an approved CES Provider through the American Institute of Architects (Sponsor No. J885). See webinar listings for available LU|HSWs.

HalfMoon Education is an International Code Council-Preferred Provider (No. 1232). Review webinar offerings for available CEUs.

Participation and knowledge retention will be verified for these webinar events. Certificates of completion will be provided upon successful completion of the quiz following the end of each webinar, and earned LUs (AIA/CES) and PDHs (LA/CES) will be reported by HalfMoon Education Inc.

Webinar Instructions

Each webinar session earns continuing education credit and can be registered for individually. All attendees must log-on through their own email – attendees may not watch together if they wish to earn continuing education credit. HalfMoon Education Inc. must be able to prove attendance if either the attendee or HalfMoon Education Inc. is audited. Certificates of completion will be available upon completion of a quiz, which will be emailed shortly after each webinar.

Webinars are presented via **GoToWebinar**, Instructions and login information will be provided in an email sent close to the date of the webinar. **It is highly recommended that you download, install and test the application before the webinar begins by clicking on the link in the email.**

For more system requirements and more information visit the **Support** section at www.gotowebinar.com.