

Theme: Webinars
See information to right on the wide variety of webinars being offered by IISE and other professional societies



Chapter members are invited to set up a site tour of their employer's facility for the chapter's membership, in exchange for half off membership dues for a year. The tour ideally should include at least one topic of interest to IISEs, examples automation, just in time, lean, logistics, etc. The brief proposal should include the name of the employer, the location of the facility, the approximate size of the facility, a sentence or two about the focus of the proposed tour, any date or time suggestions and/or restrictions for the tour, and contact information for a contact person who can arrange such tour.

May Programs

Title: Change Management and Continuous Improvement: Perfect Together
Tuesday, May 11th @6:30pm

Abstract:

In this interactive presentation, Lawrence (Larry) Solow, an organizational effectiveness and change professional with more than 30 years of experience will:

- Explain what change management is – and is not
- Share data that supports the impact of effective change management
- Introduce the Prosci® ADKAR® change management framework and tools
- Show how change management supports Lean Six Sigma frameworks

Larry shares stories based on real world experience throughout his discussion and encourages questions and interaction throughout the discussion.

Registration URL ASQ

<https://asq.webex.com/asq/onstage/g.php?MTID=e45f6785d18221f0903a006fd67dc0fd3>

Fulfillment Robotics: EVALUATION, IMPLEMENTATION AND FUTURE OUTLOOK

May 19th @7pm – 8:30pm

Rob Hahn joins us to discuss his experience in introducing robotics to warehouse floors, educate us on the different needs that drive the decision point between robotics versus automation, and offer advice on solving future fulfillment complexities.

Register: <https://apics-prsj.org/meet-reg1.php?id=193>

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Hello all,

I recently read an article about 3D printing in the context of manufacturing. Usually, when I think of 3D printing, it's hobbyists who make miniatures or prototype parts for a project, or other similar ultra low production runs. However, I know that there are manufacturers who use 3D printing as an integral part of their operation. One such industry I know of is cycling, with 3D printed titanium parts. Most bicycle manufacturers tend to prioritise production volume, and as a result, 3D printing is inefficient with the extra time required. However, on the high end custom market, the possibility of tailoring frames to each customer's needs becomes much more labor intensive with traditional methods. With 3D printing, some small manufacturers are able to design and print all the joints to order before assembling the frame. Some companies use carbon fiber tubes bonded between the joints and others weld in standard titanium tubing to complete the frames.

While the cycling industry contains only a tiny part of commercial 3D printing, it does a good job illustrating the advantages of being able to make small production runs and highly customized parts. In the car restoration business, it could be used to rebuild broken plastic parts that are no longer in production. In medical cases, it is already used for joint replacement. I think it will be interesting to see what new uses appear as the technology continues to develop!

Until next time, take care.

Regards,

Nicolas Le Gall

President

What Comes Next?

One of the beauties of life is the changing of the seasons; and it finally looks like winter is getting closer to coming to an end. No offense to those who actually like the fourth season of the year; but in my mind the optimism with the changing Covid outlook meshes well with Spring & Summer. Let's get out!

This past year & more has seen a lot changes in the way we conduct business. And like the rest of the world, our chapter has adopted the virtual model. We've had some really good programs while meeting virtually. In fact, this month's May 19 program is a joint virtual meeting with APICS on robotics which promises to be interesting and enlightening. People continue to share their experiencing and offer helpful tips in their area of expertise. This event will end our 2020-2021 program season and our chapter board will meet over the summer months to plan programs for September through next May.

As we come out the other side; our hope is that some of these programs will be in-person. And perhaps you might have a topic or area of expertise that you would like to share. We always welcome new presenters; this is an excellent way to demonstrate your professionalism and network with others in the industrial engineering and business community. Our membership has always expressed interest in plant tours. Plant tours give our members an opportunity to see how other leading companies deal with common issues; tracking, material handling, processing, etc. If your company has an innovative solution or process; or just does things right, it could be a benefit for our members to see. Everyone gets a different take-away from a plant tour; it might be a best practice or a solution to common issue.

Our chapter has been offering paying half of membership renewals for chapter members who present a program at a chapter event or sponsor a plant tour for our membership. It's an offer we hope you take us up on. We will soon kick-off discussions for potential programs at our upcoming board meetings. If you have a potential issue or tour that could benefit our membership; let a board member know through the contact information in the newsletter. We hope to hear from you. See you on the other side!

CHAPTER NEWS

Event Report

Our Chapter joined the national IISE for their webinar on Data Sciences (Analytics, People & Process). While some might think the topic a little “dry” the panelists made a good case for how plentiful the data is and how it is being used more often in company’s decision making process.

If you have a story to tell on you or some individual/company that you know of that you would like to share, please email the newsletter editor at kdrevik@yahoo.com.



Member News? – Contact the Newsletter Editor with any news you would like to share.

About Our Next Meeting

See page 1. Two different webinars are on offer this month.

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Career Development

IIE EVENTS & TRAINING

CAREER CENTER

May

May 19: Artificial Intelligence Using Design Thinking Livestream (Norcross, GA)

May 19: Transformative Leadership Systems Livestream (Norcross, GA)

May 21: Manufacturing Critical Path Time Livestream (Norcross, GA)

May 21: Improving Patient Flow with the theory of constraints Livestream (Norcross, GA)

May 22: Six Sigma Green Belt for Process Improvement Livestream_(Norcross, GA)

May 25: Six Sigma Green Belt for Process Improvement Livestream_(Los Angeles, CA)

June

Jun 1: Six Sigma Black Belt Livestream (Los Angeles, CA)



Network and benchmark with other members through industry- or discipline-specific groups.
JOIN A SOCIETY OR DIVISION NOW!

South Jersey Delaware Valley Chapter Employment Assistance Network

Are You Looking For A Job? Do You Know Of A Job Opportunity?

Contact The SJC Employment Assistance Network:
Email your name or any hot opportunities to Kevin Drevik at Kdrevik@aol.com

Adjunct Professor Position at Temple University

The Industrial & Systems Engineering program within the Department of Engineering, Management and Technology at Temple University, is seeking adjuncts in Philadelphia PA. To be considered, candidates should minimally possess a M.S. in either Industrial or Systems Engineering (or a closely related field) and have excellent communication skills. Applicants with relevant industrial/professional experience are encouraged to apply. The successful candidates will be expected to teach courses leading to the B.S. in Industrial & Systems Engineering and demonstrate a strong commitment to student success. Long term potential exists for full-time employment.

To apply or for more information, send a cover letter and resume to: ntt-ise@temple.edu

Potential course topics:

Spring 2021

- Product QA
- Stochastic models in OR
- Production Planning & control

2021-22

- Simulation
- Facility Planning
- Systems Eng Fundamentals
- Production Process Design

DPS Manager
Dätwyler
Pennsauken, NJ

The Sealing Solutions division is a leading supplier of custom sealing solutions to global industry segments, such as the health care, automotive, consumer goods, oil and gas, general industries, as well as civil engineering.

DPS Manager supports the deployment of the DPS in the plant through implementation of global standards based on DSS mission, values and strategy, and frequent communication between Head of DPS and site director

Essential Function

- Supports the Site Director in deployment of the DPS in the plant through implementation of global standards based on current conditions
- Develops the local implementation roadmap, manages the implementation activities, conducts internal DPS audits, and serves as amb
- Facilitates workshops and provides training and coaching to local organization to assure employee qualification in DPS methods
- Interacts within the global DPS Excellence Team to further develop DPS

www.indeed.com

Process Engineer
Wood Plc
Philadelphia, PA

Overview / Responsibilities:

Wood is currently seeking a Process Engineer to join our Life Sciences team (Biotechnology/Pharmaceuticals) to develop life-changing and in many cases, life-saving solutions for our clients. We're looking for an energetic, self-motivated individual with the ability to execute all phases of project design. Project sizes will vary and will include both existing building improvements and new construction.

While this position will report into our Philadelphia location, due to our current remote capacity, we are also considering candidates outside of the Philadelphia area.

On a global scale, Wood serves the Life Sciences, Oil & Gas, Federal, Infrastructure, Manufacturing, Mining, and Power Industries. Our Philadelphia office has become the Center of Excellence for our global Life Sciences network, providing full-service pharmaceutical and biotechnology engineering, design, procurement, and project management services.

Responsibilities:

- Developing process flow diagrams to define heat and material balance(s)
- Establishing a process design basis, developing process options, and optimization of selected design
- Designing and creating Process & Instrumentation Diagrams (P&IDs)
- Preparing bid and purchase specifications for processing equipment (e.g. chromatography columns, pressure vessels, bioreactors, filtration skids)
- Calculating loads for clean utilities, line sizing, and distribution design (e.g. water for injection, clean steam, process gases)
- Maintaining effective communication with project team members and clients
- Calculating and organizing data for other disciplines (e.g. instrument data for I&C or electrical loadings)
- Review of submittals and shop drawings
- Response to construction Requests For Information (RFIs)
-

www.linkedin.com

TREASURER'S REPORT



Mr. Richard T. Huysie reports a Treasury Balance of \$6,940.74 as of March 31, 2021 for the IIE South Jersey Delaware Valley Senior Chapter No. 132.

MEMBERSHIP REPORT

As of 3/31/2021 the SJDV Chapter has 96 Members.

Current membership is 96 members

Please Don't Go! Time to renew your membership

Richard Huysie
Thomas Mulderig

Don't forget to renew your IIE Membership!

Your support of your professional society is greatly appreciated. We value your Membership!

Did you know ...

The IIE South Jersey Delaware Valley Chapter will reimburse 50% of Member's Dues if he/she recruits a new full-dues paying member? Please contact the membership director prior to your associate's joining of IIE.

Did you know ...

The IIE South Jersey Delaware Valley Chapter will reimburse 50% of Member's Dues if he/she sets up a site tour of their company's facility for chapter members to attend? Please contact the membership or newsletter director for more information.

Check out our Chapter's Website!!

<http://paulsehnen.wixsite.com/iisesjdvpc>

Quote for Today: "Above all, it is necessary for a person to have a true self-estimate, for we commonly think we can do more than we really can." Seneca

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½ Page	Single Issue	\$75	\$400
¾ Page	Single Issue	\$75	\$450
1 Page	Single Issue	\$100	\$500

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