



# ION Saint Louis

FALL 2016



## IEEE St Louis Section Newsletter

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<http://sites.ieee.org/stlouis/>

### Facebook:

[IEEE St. Louis Section](#)

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# Chair's Column

## Saint Louis Section of IEEE

### Chair's Column, Fall 2016

Hello and welcome to the Fall 2016 edition of the ION.

After a summer break, we have been busy planning our fall programming. The annual BBQ Social was held at SIUE on Sept. 17, many thanks to the student branch for hosting this event. I really enjoyed having the chance to meet with faculty and students and look forward to a continuing relationship.

Upcoming events this fall include our ever popular Lean Fundamentals Training, which offers our student and professional membership with the opportunity to learn about Lean concepts that can be applied in virtually any business setting. This program is hosted by Ameren, with the exact date to be determined, so watch for more details via enotice and our Facebook page.

Our Black Box Competition for undergraduate student members will be held November 5 at SIUE, and we are looking forward to an exciting competition. Further details have been posted to the section website and Facebook page and are also included in this newsletter.

Last, but definitely not least, our Winter Social is scheduled for Saturday, December 10, 2016 at the Engineers' Club of St. Louis. We are fortunate to have Dr. Rosa Zheng from the Missouri University of Science and Technology as our speaker this year. Look for more details about how to make your reservation in the coming weeks.

# Chair's Column

## Saint Louis Section of IEEE

### Chair's Column, Fall 2016

I also want to take a moment to mention our newest Affinity Group, The Young Professionals Group, which is led by Trevor McCasland. Trevor has exciting plans for helping recent and new graduates in their professional endeavors. It's important to note that there is no age limit for joining this group, so if you're interested in networking and providing guidance to younger technical professionals as they navigate their career paths, this would be a great way to get involved.

As this will be the last newsletter for 2016, I'd like to take this opportunity to thank the Executive Committee for the wonderful support they have given me this year, it's been a privilege to serve as section chair and I look forward to helping our chair for next year, Dr. Prasenjit Shil, as he leads the section.

And my final thanks as section chair to our wonderfully dedicated newsletter committee, without whom the ION would not be the excellent publication that it is:

Yeun Kim  
Claire Stonner  
Maura Wilson

Sincerely,

**Yoelit Hiebert**  
Chair, IEEE St. Louis Section



# IEEE St. Louis Section News

## Young Professionals Affinity Group

And now a word from Trevor McCasland:

I recently got approval to start an IEEE Young Professional Affinity Group for the St. Louis section and am now the chair. I'm motivated to help students and young professionals in their career growth by connecting them with the right tools, people, and resources they need to be successful. Mentoring is one of the few things I plan to achieve in the St. Louis Section. I plan to run the group through a social media platform for events called meetup and I need everyone's help to spread the word. You can find the IEEE YP group at <http://www.meetup.com/ieee-yp-stl>. Feel free to connect with me through email ([t.mccasland.2014@ieee.org](mailto:t.mccasland.2014@ieee.org)), Facebook(<https://www.facebook.com/trevor.mccasland.94>) or LinkedIn to learn more.



Trevor McCasland, Chair, St. Louis Section

Young Professionals Affinity Group

# IEEE St. Louis Section News

## IEEE STL BBQ Social



**Fun was had by all at the BBQ Social at SIUE Sept. 17, 2016.  
Thanks to the student chapter for hosting!**



# IEEE St. Louis Section News

## IEEE 2016 Senior Member Drive

The IEEE Senior Member Drive 2016 was held at Leidos Inc. on October 10th in conjunction with the Executive Committee planning meeting. Senior Member is the highest grade for which IEEE members can apply. IEEE members can self-nominate or be nominated for this membership level.

To be eligible for application or nomination, candidates must

- Be engineers, scientists, educators, technical executives, or originators in IEEE-designated fields;
- Have experience reflecting professional maturity;
- Have been in professional practice for at least ten years (with some credit for certain degrees);
- Show significant performance over a period of at least five of their years in professional practice;

This year there were eight participants who applied for Senior Membership. A number of Senior Members were also in attendance to provide insight to participants and their applications. They provided feedback on eligibility and achievements in addition to providing nominations for the applicants. The section looks forward to welcoming its new senior members in the coming weeks.

# IEEE St. Louis Section News

## Section Award Nominations

The Saint Louis Section is proud to announce its Call for Annual Outstanding Awards. This is a tradition where the best of the best are recognized for outstanding talent in their profession. Please consider this opportunity to appoint a fellow member of IEEE that is your colleague, friend, employer, customer or mentor that you feel is deserving of one of the following awards. All recipients will receive an engraved plaque, name printed in the ION and a free invitation to the Winter Social.

Outstanding Young Engineer – 1-10 years since graduation

Outstanding Educator

Outstanding Student Branch

Outstanding Company – at least one employee/executive is a Section Member

Outstanding Student Member – Student Member or Graduate Student Member

Outstanding Section Member – greater than 10 years since graduation

Outstanding Branch Counselor

Outstanding Woman in Engineering

**Instructions:** Fill out the nomination form below and send it to [sec.stlouis@ieee.org](mailto:sec.stlouis@ieee.org). The nominee cannot be a member of the Executive Committee nor have won the award in the past 5 years. All nominees must be active members in good standing in the St. Louis Section of IEEE.

Award Category from List Above*	
Name (Individual or Company)*	
Nominee IEEE Member # * **	
Nominee Phone	
Nominee Email*	
Professional, Student and IEEE Significant Accomplishments or Contributions*	Attach as PDF or DOC with application
Submitted by*	
Phone	
Email*	

\* **REQUIRED** Information

\*\* Name will be verified with SAMIEEE IEEE database to confirm active membership. This number is not required for the *Outstanding Company Award*, but you must include the name of an Executive

# Upcoming Events

## IEEE Black Box Competition

- Date:** Saturday, November 5th, 2016
- Location:** Southern Illinois University Edwardsville (SIUE)  
Engineering Building
- Time:** Check-in starts at 12:30 and the competitions begin at 1:00pm-4:00pm.
- Participants:** Each school is allowed to send up to two teams for the analog contest, and one team for the digital contest.
- Prizes:** 1st prize is \$500, 2nd prize is \$300, and 3rd prize is \$200
- Registration:** Teams must be registered by **Friday October 21st, 2016**. In order to register, please email Dr. George Engel at [gengel@siue.edu](mailto:gengel@siue.edu) with the names of all team members along with the university name.
- Food:** Food will be provided.
- Information:** [www.siue.edu/~gengel/BlackBox.htm](http://www.siue.edu/~gengel/BlackBox.htm)



# Upcoming Events

***Save the Date!***

**Saint Louis Section of the IEEE**

**Presents**

**Winter Social 2016**

**Saturday, December 10, 2016**

**Engineers' Club of St. Louis**

**Speaker: Y. Rosa Zheng, PhD**

**IEEE Fellow**

**Missouri University of Science &  
Technology**

***Look for more details soon!***