

CURRENT SOURCE

The IEEE North Saskatchewan Section Newsletter

REPORT FROM THE CHAIR: CINNATI LOI

Firstly, I would like to thank you for taking your time in reading our spring 2018 newsletter!

It has been some time since we have distributed a newsletter and this is an exciting opportunity for us to have a chance to communicate some of the exciting activities happening in the IEEE around you. My name is Cinnati Loi and I am your IEEE North Saskatchewan Section Chair for the 2018 – 2019 term.

In the next two years, my goal is to build a more cohesive and collaborative community of IEEE members in the North Saskatchewan Section. We are currently planning numerous technical and non-technical events that would help bring members together and give you more opportunities to network with fellow IEEE members.

I'm extremely excited for this opportunity to be your Chair for the next two years and serve the IEEE community. I look forward to meeting you in person at one of our future events.

2017 ANNUAL GENERAL MEETING MARK POLLOCK

During the NSS Annual Reception & General Meeting held on Friday, November 24, several positions for the new NSS Executive were elected. The following individuals will be serving for the next two years in the five elected roles:

Chair:	Cinnati Loi
Vice Chair:	Jonathan Palmer
Secretary:	Dan Coode
Treasurer:	Aly Saleh
Membership Development Chair:	Adam Detillieux

NEW CHAIRS AND DIRECTORS: CINNATI LOI

The following members make up the remainder of the Executive Committee:

Past Chair:	Mark Pollock
Communications/Publications Chair:	Shivank Gupta
Webmaster:	Masud Rahman
Educational Activities Chair:	Currently vacant
Professional Activities Chair:	Currently vacant
ICF Section Liaison:	Denard Lynch
Student Branch Councillor:	Robert Johanson
Graduate Student Representative:	Currently vacant
Young Professionals Co-Chairs:	Cosme Loi / Joe Le
Women In Engineering Co-Chairs:	Ritu Malhotra / Shayla Wang
PES / IAS Joint Chapter Chair:	Jonathan Palmer
Computer Chapter Chair:	Currently vacant
Members-At- Large:	Andrew Kostiuik

If you are passionate about your profession and would like to contribute to the IEEE please contact the Chair at c.loi@ieee.org about volunteer opportunities with the Section.

The Section Executive Committee holds monthly meetings (*excluding July and August*). Any member is welcome to attend Section meetings. The following are the scheduled meeting dates for the 2018 calendar year. Please contact the Chair if you are interested in attending one of the meetings.



STUDENT BRANCH GREETINGS: LOGAN MARKEWICH

Hello and greetings from the University of Saskatchewan IEEE Student Branch!

Last year, the student branch has been busy planning and putting on various events throughout the year. Some highlights include:

- ✦ The Big Brothers Big Sisters Christmas Party in November.
- ✦ The Industry trip in January. Ten brave students ventured the cold and snow to Calgary. We also toured Smart and Valard Industries, making connections for future work.
- ✦ IEEE Illumination 2018 in February. This year, students of U of R also attended in addition to students of our student body. The event was a great success.

Looking forward to the future:

- ✦ New executive elections to be held on April 2, 2018.
- ✦ Amendment to the branch constitution to change the position and requirements for the High Voltage Classic (HVC) to a general community outreach position is up for voting.
- ✦ One large charity event will be held each year, with a target on the student body as well as others throughout the community, to successfully raise money for a chosen charity.

On behalf of the former and incoming executive of the IEEE Student Branch, we would like to wish everyone a wonderful and relaxing summer!

YOUNG PROFESSIONAL: COSME LOI/JOE LE

On Thursday, April 5th, 2018, we, the NSS IEEE Young Professionals group, hosted the annual "Welcome to the Industry Mixer" at Birmingham's Vodka and Ale House in Saskatoon. At the event, we provide opportunities for students and new graduates to make connections in their field and to be engaged as well as involved with the IEEE. The atmosphere was kept very relaxed and casual, so the students and industry professionals were able to share normal conversations with one another. Feedbacks from all parties were great and promising, since everyone was satisfied with what they were looking for from the event, especially networking opportunities. This year we had **17 IEEE members, 13 non-IEEE members, and 9 students** participated in the event, which exceeded our goals. We also received very encouraging messages, with almost everyone given **excellent ratings**. They said they would come back and recommend future YP events to their friends and families. The event came to an end with a positive vibe, as the students were able to make connections with industry professionals, which was the main focus of the night.

We would like to say thank you to all participants for their supports and please look forward to many more events in the future!

IA/PES: JONATHAN PALMER

IEEE comprises of a variety of groups, active in publications, conferences, and building technical communities which involve member outreach at both, the local and global level. Two of the global societies are the Industrial Applications Society (IAS) and the Power & Energy Society (PES), a local jointer chapter under NSS.

The *vision* of the **IEEE Industry Applications Society** is:

- Advancement of the theory and practice of electrical and electronic engineering in the development, design, manufacture and application of electrical systems, apparatus, devices and controls to the processes and equipment of industry and commerce.
- Promotion of safe, reliable and economical installations.
- Industry leadership in energy conservation and environmental health and safety issues.
- The creation of voluntary engineering standards and recommended practices.
- Professional development of its membership.

The **IEEE Power & Energy Society** is a worldwide, non-profit association of more than 26,000 individuals. Our *mission* is to be the leading provider of scientific information on electric power and energy for the betterment of society and the preferred professional development source for our members. The scope of the Society embraces research, development, planning, design, construction, maintenance, installation and operation of equipment, structures, materials and power systems for the safe, sustainable, economic and reliable conversion, generation, transmission, distribution, storage and usage of electric energy, including its measurement and control.

IAS/PES Joint Chapter Committee Members

Chair:	Jonathan Palmer
Vice Chair:	Adam Detillieux
Past Chair:	Eli F. Pajuelo
Treasurer:	Colton Neu
Secretary:	Aly Saleh
Member at Large:	Ramakrishna Gokaraju
Member at Large:	Jon Srayko



***A wide range of information
is available on the society
websites. Click [here](#) to get
started!***

ELECTRICAL POWER AND ENERGY CONFERENCE (EPEC, 2017): JONATHAN PALMER / DENARD LYNCH

The 17th Annual IEEE Electrical Power and Energy Conference (EPEC) 2017 was held in Saskatoon on October 22 – 25, 2017. This edition of EPEC was organized by the **IEEE North Saskatchewan Section, IEEE South Saskatchewan Section and IEEE Canada**. The event was a great success with over 200 participants in attendance and papers from 17 countries around the world.

The Conference was highlighted by the keynote speakers Mike Marsh, CEO of SaskPower and Deepa Kundur, Professor at University of Toronto. There were 2 tutorials: *IEEE Standards Association and Simulation of Power System Transients and Protection Systems using EMTP-RV*. These were well received with approximately 50 people in attendance for each tutorial. In addition to the paper presentations, there were also 2 industry sessions with a wide spectrum of topics.

Furthermore, the **IEEE Canada Women in Engineering (WIE)** organized a panel discussion with titled “Drive Creativity and Innovation in Engineering: Bring Diversity & Inclusion Into Action”, which generated a lot of excitement.

The **Young Professionals (YP) Affinity Group** organized a networking event where many stories were shared and new connections were made.

Overall, the conference was a great success and the organizing committee would like to thank all of the volunteers and sponsors who contributed their time and resources.

EPEC 2017 Organizing Committee

Honorary Chair	Roy Billinton
Conference General Chair	Tony C.Y. Chung
Conference Vice-Chair	Sherif O. Faried
Technical Program Committee Co-Chairs	Raman Paranjape / Rajesh Karki
Finance Chair	Rezaul Haque
Local Arrangements Chair	Denard Lynch
Tutorials Chair	Andrew Kostiuik
Conference Secretary	Nurul Chowdhury
Patronage Chair	Jonathan Palmer
Registration & Administration Chair	Cathie Lowell
Publicity Chair	Mark Pollock
Publications Chair	Irfan Al-Anbagi
Young Professionals Activities Chair	Keaton A. Wheeler
Women In Engineering Event Co-Chairs	Nataliia Petryshyn / Elena Uchiteleva / Nasim Abdollahi
Webmaster	Cinnati Loi
IEEE Canada CONAC Chair	Raed Abdullah
IEEE Canada President	Witold Kinsner

WOMEN IN ENGINEERING: RITU MALHOTRA SHAYLA WANG

IEEE Women in Engineering (WIE) is one of the largest international professional organizations dedicated to promoting women engineers and scientists and inspiring girls around the world to follow their academic interests to a career in engineering.

This year, IEEE – North Saskatchewan Section WIE is planning a number of exciting events which include technical and non-technical talks with inspiring leaders in the industry and academia. We are also planning to collaborate with other organizations who believe in the same principles and values to bring a number of interesting events to our membership.

Stay tuned for more details!

If there are any specific topics or events that you would like IEEE-NSS WIE to focus on, please send them to:

Ritu Malhotra
IEEE-NSS WIE Co-Chair
rmalhotra@marchconsulting.com

CAS/COMMUNICATIONS/SP: CINNATI LOI

OPPORTUNITY:

The IEEE North Saskatchewan Section is looking to form a Circuits and Systems / Communications / Signal Processing Joint Chapter. The petition process is currently in progress and the newly formed Chapter will look to have its first event in 2018.

WHAT IS DIFFERENT?

The CAS/Comm/SP Joint Chapter looks to serve a community of members and non-members in the North Saskatchewan Section whose needs are not currently met by the existing Chapters and Affinity Groups.

The Chapter is looking to bring Distinguished Lecturers from each of the Technical Societies to Saskatoon and Area in hopes to gather professionals and academics with similar interest in forming a more cohesive community and enhancing collaboration.

FORWARD LOOKING:

Once the Chapter is formed, we will be looking for volunteers to form an executive committee and assist in organizing various events.

If you are interested in participating in the Chapter committee, please contact Cinnati Loi at c.loi@ieee.org

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