

IEEE Educational Activities

*ILN Event Demonstration by Region 7 (Canada)
Response to COVID-19 challenges*

November 12, 2020

Meeting Rules

Please mute your microphone

Please turn your camera off

Please use the chat for questions ( in lower right corner)

Answers to your questions will be provided at the end of the meeting

ILN Event Demonstration - Officer Training

Agenda

Welcome and Introduction

IEEE Education Activities (EA) Overview

Introduction to IEEE Learning Network (ILN)

IEEE Innovation at Work - Free Webinar Series

How to Set Up Meeting to Use EA Resource

Demonstration of Selected Webinars/Courses

Questions and Discussion



Rossitza Marinova
R7 EAC Chair, 2021 R7 Training Coordinator



Deyasini Majumdar
R7 EAC Vice Chair, 2021 R7 EAC Chair



Murray MacDonald
R7 TISP Chair, R7 EAC Member



Purpose of Training

To present ideas for connecting with members and colleagues to learn and discuss topics of interest

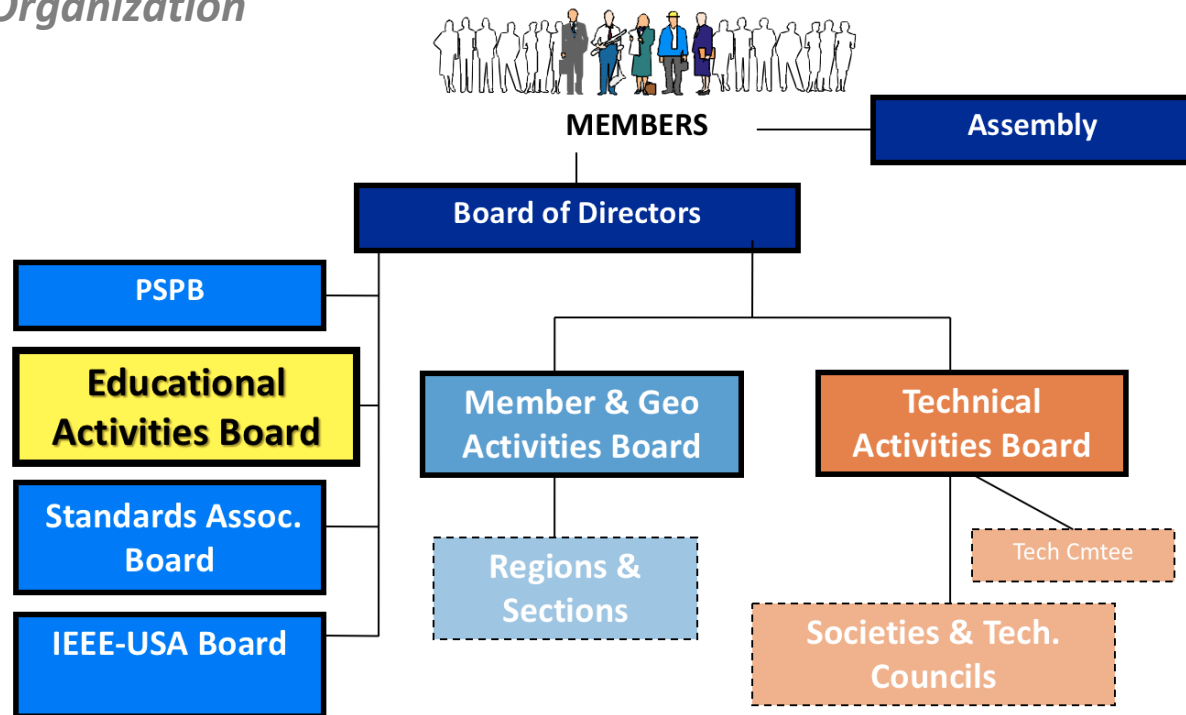
- ▶ Covid-19 changed our way of life and work and the distancing will not end soon
- ▶ All non-essential gathering will remain virtual for many more months
- ▶ Social isolation affects individuals - they need human to human interactions
- ▶ Social interactions help individuals learn and get answers in real time
- ▶ IEEE has great resources for virtual learning for individuals
- ▶ Continuing education provides true value added for working professionals

IEEE Education Activities Overview

IEEE Governance Organization



Toshio Fukuda
2020 IEEE President



IEEE Education Activities Overview



Stephen M. Phillips, Ph.D., P.E.

2020 IEEE Vice President, Educational Activities

*Professor and Director of the School,
School of Electrical, Computer and Energy Engineering
Arizona State University*



Supavadee Aramvith
SEOC Chair
(Region 10)

2020 Section Education Outreach Committee

10 regional EA Chairs, MGA Rep (R1-6), MGA Rep (R7-10)

Region 1 (Northeastern US)

Region 3 (Southern US)

Region 5 (Southwestern US)

Region 7 (Canada)

Region 9 (Latin America)

Region 2 (Eastern US)

Region 4 (Central US)

Region 6 (Western US)

Region 8 (Africa,

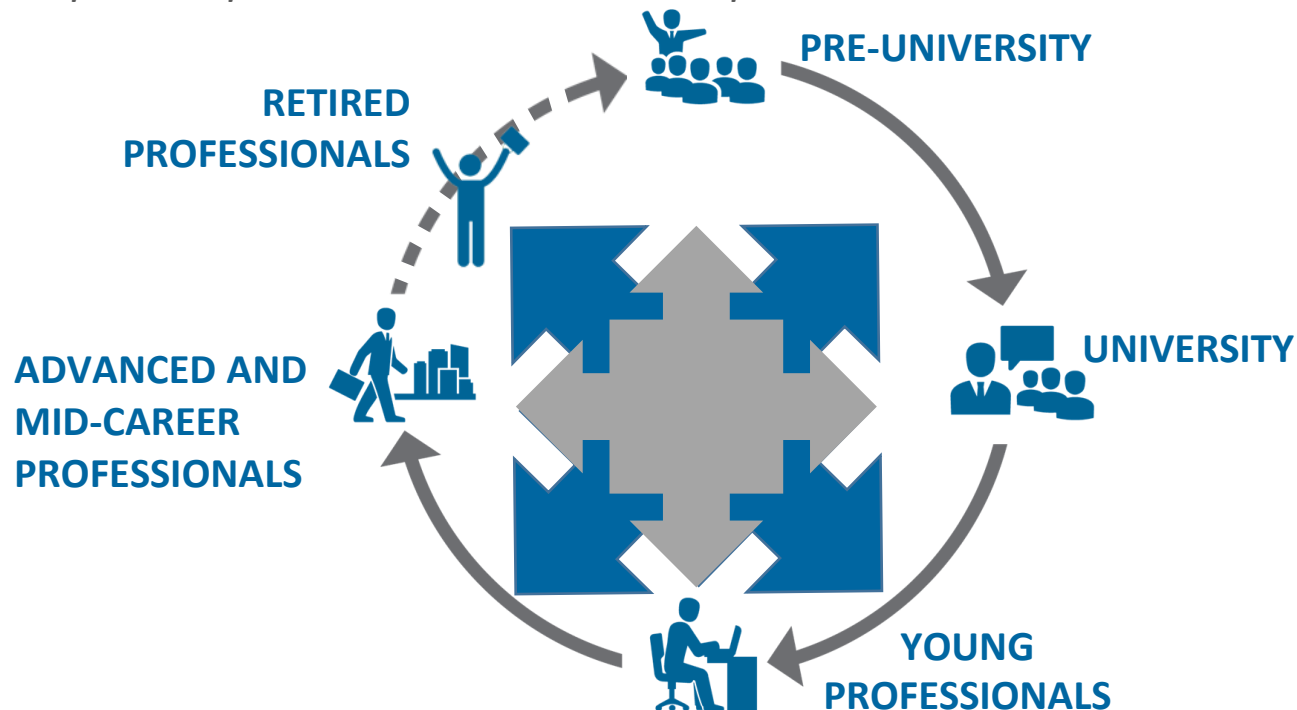
Region 10 (Asia and Pacific)



Region 7
Past EAB VP
Witold Kinsner

Educational Programs Designed to Connect Throughout an Individual's Life

Moving from Open-Loop Education to Closed-Loop



Impact on Member Value

Educational Activities is working to improve the value of membership



Enhanced
Certificate
Program offering
CEUs and PDHs



Significant
improvements to
course program quality



IEEE Learning Network
simplifying course
discovery and
consolidating their
learning progress



Micro-volunteering
opportunities through
Volunteer STEM Portal
in development

Educational Activities Priorities for 2020

1.  IEEE Learning Network

2.  IEEE eLearning[®] LIBRARY

3.  Powered by IEEE
TRY Engineering.org

4.  Powered by IEEE
TRY Engineering Summer Institute

5.  ABET

6.  TryEngineering
Powered by IEEE and In2Books TOGETHER

7.  HKN
IEEE
Eta Kappa Nu

8.  EPICS in IEEE
Engineering Projects In Community Service

9.  IEEE
CERTIFICATE OF COMPLETION
John P. Smith
PDH

10. Awards Program

11. President's Scholarship

NEW Pre-University Volunteer
STEM Portal

IEEE Continuing Professional Education (CPE)

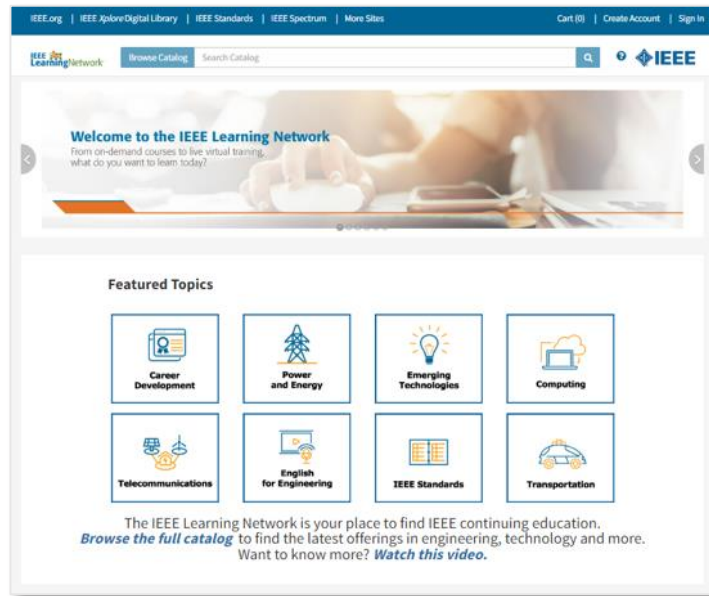
Providing professional education for working engineers and technologists

Who We Serve:

- ▶ IEEE Members and other working professional engineers with a bachelor's degree or higher
- ▶ Institutions with a need for workforce development training solutions

What We Offer:

- ▶ Continuing professional education online courses, virtual events, etc.
- ▶ Cost-effective training solutions for institutions on a broad range of engineering topics
- ▶ CEUs/PDHs to help maintain professional licenses



Credentials for Learning Achievement

IEEE Certificates Program

- ▶ Offered Today:
 - Certificates of Participation
 - Continuing Education Units (CEUs)
 - Professional Development Hours (PDHs)
 - ▶ Potential Future Offerings:
 - Digital badges
 - Certificates in certain topic areas
 - Microcredentials
- ▶ <https://innovationatwork.ieee.org/certificates/>
- ▶ <https://www.ieee.org/education/certificates/index.html>



Engineering Lesson Plan Toolkit (New)

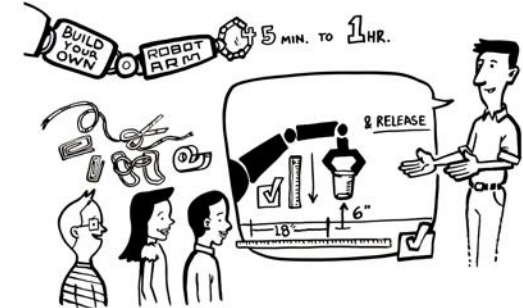
Content focused on how to organize events and assist volunteers in delivering an effective teacher STEM training activity locally

- “How-to” Slide Deck
- An overview video on how to implement a TryEngineering Lesson Plan
- Detailed instruction: on how to implement the lessons plans.

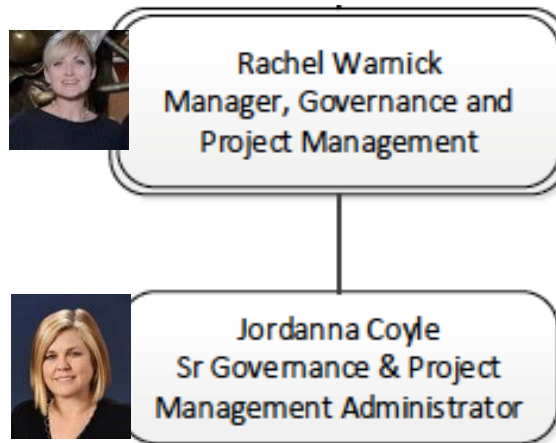
Currently Available:

- Toxic Popcorn
 - Wind Energy
 - Tall Tower
 - Robot Arm
 - Electric Dough
 - Ten additional lesson plans in June
- Each lesson plan includes:
 - Video that focuses on the design challenge and possible solutions
 - PowerPoint to use with students when implementing the lesson plan

<https://tryengineering.org/engineering-lesson-plan-toolkit/>



Governance and Project Management: Staff Structure



Contact the team at:
edu-activities@ieee.org

Directly at:
r.o.warnick@ieee.org
j.m.coyle@ieee.org

Questions

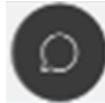


IEEE Canada

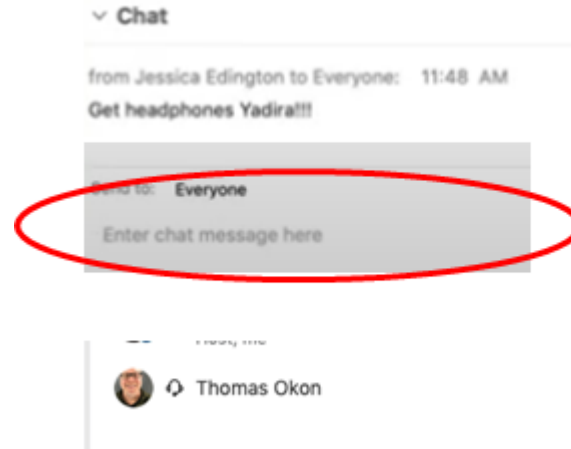
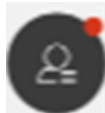


- ▶ If you want to ask a question, type it into the Chat tab or raise your hand in the Participant tab and wait to be acknowledged

- Chat



- Participant





IEEE Educational Activities in Canada

IEEE Region 7 (Canada, 21 sections)



IEEE Region 7 Educational Activities



IEEE Canada



- ▶ Region 7 Educational Activities Committee members' meetings
 - Supporting sectional educational activities – financially, sharing experiences, presentations, information
- ▶ CCECE Computing and Engineering Education Track at CCECE 2019 & 2020
 - Invited speaker sessions attracted papers on education
 - Panel on Education Inclusion discussed the future of education
 - Pre-university tutorial for IEEE volunteers
- ▶ R7 Students Congress Presentation (May 5, 2019)
 - To support student chapters for their EA

IEEE Region 7 Educational Activities



Industry-Student-YP-WIE-IEEE Networking/Mixer

Oct 18, 2019, Halifax

EAC R7 members gave three talks

Witold Kinsner: Do we need a new model for education?

Murray MacDonald: Educational Activities Outreach with IEEE

Bob Gill: I am teaching! Are you learning?



Panel Discussion: Evolving Needs of the Tech Ecosystem

EAC R7 sponsored the event

IEEE R7 – TISP / STEM Outreach Committee

- STEM Outreach Committee of active section volunteers
- Monthly conference call to share updates/news
- Distribution list of other volunteers
- Courier newsletter – editor Dirk Werle
 - moving to blog format on revised website
- TISP Canada website
 - needs maintenance (rebooting)



IEEE Canada Honours Long-time Volunteers

Every year IEEE Canada recognizes the individual achievements of its members through a program of awards. The 2017 awards also acknowledged two TISP Canada champions.

IEEE Canada is an organization that is 17,000 members strong. It has a long and rich history of achievement, much of it brought about by its members, volunteers, as well as community efforts and services. IEEE Canada offers several achievement awards and four service awards annually. In 2017, we saw the creation of a new

and special initiative, the IEEE Canada Presidents' Make-a-Difference Award. Two long-time TISP champions were among this year's award winners recognized during ceremonies at a national IEEE meeting in Windsor, Ontario. Dr. Rosanna Murrova, a long-time member of the TISP Canada executive committee, was the recipient of the prestigious E.F. Glass Women's Canada Merit Award. Mr. Dave Heyburn, a champion of TISP Canada since its inception, was the first recipient of the new IEEE Canada Presidents' Make-a-Difference Award. We congratulate both recipients on their well-deserved recognition! The following highlight their careers and successes.

David Heyburn, a Life Member of the IEEE, is a 1952 graduate of the University of Stafford in the U.K. Thus he has sixty years of active engineering in his field of Electric Power Systems. He served as chief electrical engineer and as a senior consultant on many projects and has worked in 23 countries during his long and very active career.

(continued on page 4)

Content	
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December 15, 2017	
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Have you tried tryingengineering.org yet?	6
Water Filtration at Christie Lake	7
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STEM Outreach - Examples



IEEE Canada



- Class room visits in numerous sections
 - leading an activity
- Presentation and activity at colleges of ed.
- Judging and awards at local science fairs
- Exhibiting at Science Teachers' Association of Ontario (STAO)
- Design challenges and competitions
- Math Kangaroo (nationwide)



- ▶ Short Professional Courses for engineering students and professionals
- ▶ Bridge Building Challenge on International Day of Women and Girls in Science at an elementary School
- ▶ Judges at Peel Skills Challenge (Peel District School Board)
- ▶ New Business “IEEE TryEngineering- Center of Applied Engineering & Technology-Malton”



Examples of Education Activities: Vancouver IEEE Canada

- ▶ 5 Cyber-Security symposiums - funded by NSERC and co-sponsored by IEEE Vancouver Section. Each event had ~100 attendees and last event has 115 attendees.
- ▶ Power System Analysis workshop - Section made ~\$1500
- ▶ Linux Workshops - Free - Installation and creating a Multi-boot system.
- ▶ Poster competition during the networking time-slot at AGM. It's been a hit and some kids were interviewed by Industry during this event.
- ▶ TELUS CTO and VP Broadband with a flurry of activities coming soon.
- ▶ Schweitzer Engineering Lab workshop was free with ~60 attendees.



Examples of Other Education Activities



IEEE Canada



- ▶ Northern Canada
 - Providing scholarship for students completing their Capstone projects in IEEE areas in all universities and colleges in Northern Alberta. The section wants to support exceptional projects aligned with one or more of various fields of Electrical and Computer Engineering.
- ▶ Southern Alberta
 - The IAS/PES chapter hosted 3 evening technical seminars
 - The CAS/SSC chapter hosted 2 lunch and learn seminars
 - The computer chapter hosted its BIDMA conference in April
 - The Control and instrumentation chapter hosted 5 evening technical seminars during the year.
 - In addition, the computer chapter hosted its annual Google ignite workshop to introduce high school students to computer programming.

- ▶ Winnipeg
 - Amateur Radio Theory, Operations, and Practice for Basic Qualifications
 - Verna Kirkness Science and Engineering Program for Indigenous High-School Students
- ▶ London
 - Very active in pre-university education in co-operation with Professional Engineers Ontario (PEO) chapter
 - On-line Continuing Education event “Telecom Power 101” with 285 registered
- ▶ Ottawa
 - Engagement with Christie Lake Kids organization

- ▶ Organize at least one major education-related session / workshop / panel at an IEEE Canada Flagship Conference
- ▶ Support up to 8 section-based educational activities
- ▶ Build relationships with existing local & national organizations to promote outreach of IEEE EAC activities
- ▶ Establish and nurture relationships at local level to promote Industry-Academia collaborations that can leverage IEEE EAC resources/initiatives (at least a couple of sections)

Questions

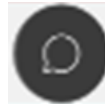


IEEE Canada

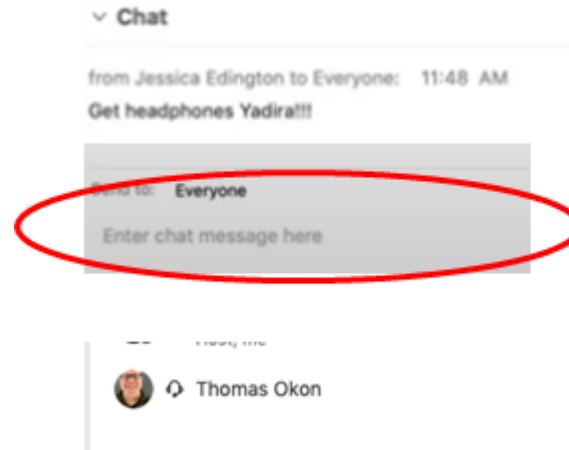
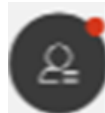


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One platform for discovery of continuing education across IEEE



Shared learning management system for continuing education across IEEE



Built to improve learner experience with continuing education from IEEE

The screenshot displays the IEEE LearningNetwork homepage. At the top, there's a navigation bar with links to IEEE.org, IEEE Xplore Digital Library, IEEE Standards, IEEE Spectrum, and More Sites. The user is logged in as Jennifer Fong (Test ILN Account) with a cart containing 0 items. The main header includes 'Home', 'My Courses', 'Transcript', 'Browse Catalog', and a search bar. A banner image shows a person writing on a tablet with the text 'The most in-demand technical skills from industry experts.' Below this is a 'Resources' section. The 'My Courses' section lists three courses with their start/end dates and 'Resume' buttons. The 'What's New' section highlights new or updated courses, including 'Introduction to IEEE Std 1547-2018' and 'IEEE Fundamentals of Autonomous Vehicle Technology'. The 'Included In My Institution's Subscription' section shows a bundle for the 'eLearning Library 2019 Front List'.

Title	Started/Begins	Due/Ends	Action
Enterprise Blockchain for the Internet of Things Online	Started OCT 29	No Due Date	Resume -
Basics of Radio-Frequency Power Amplifier Design Online	Started NOV 15	No Due Date	Resume -
An Introduction to Leadership: A Primer for the Practitioner Online	Started OCT 28	No Due Date	Resume -

What's New

New on ILN: Introduction to IEEE Std 1547-2018: Connecting Distributed Energy Resources

8/30/2019 - This 6-course program covers this new standard that has a significant impact on the design and deployment of all DER systems, removes limitations from the original standard, and adds requirements for ...

Welcome to the IEEE Learning Network!

7/10/2019 - Log in to complete your training or browse the catalog to find your next course.

New on ILN: IEEE Fundamentals of Autonomous Vehicle Technology

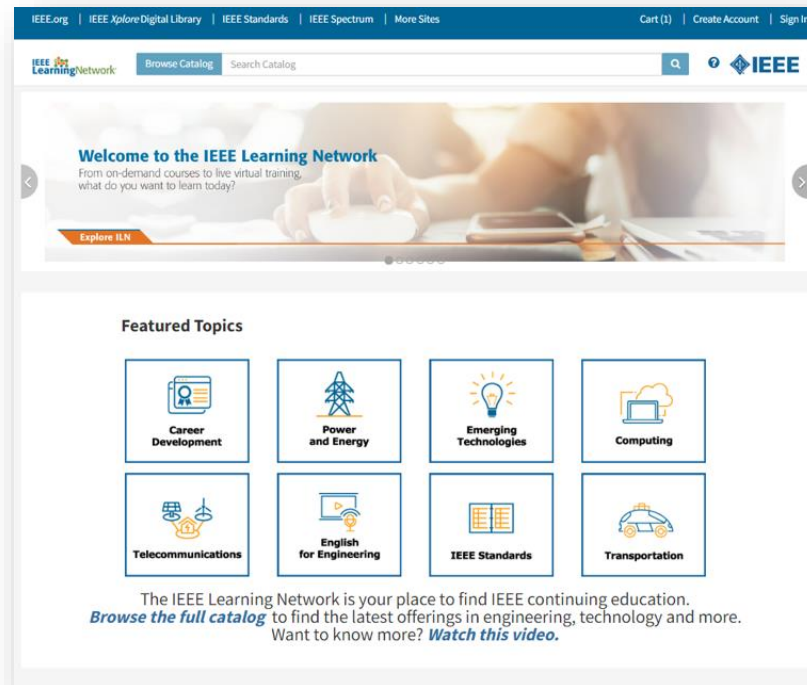
7/10/2019 - IEEE Fundamentals of Autonomous Vehicle Technology is a 6-course program that covers foundational and practical applications of autonomous, connected, and intelligent vehicle technologies.

Included In My Institution's Subscription

Note: A bundle groups together multiple courses for your easy access. Click the bundle name or 'View' for more details.

Title	Action
eLearning Library 2019 Front List Bundle	View

IEEE Content Contributors on ILN



iln.ieee.org

IEEE LearningNetwork

Recent Course Program Topics

Course Program: A collection of courses about a given topic.

IEEE Guide to the Internet of Things	Cybersecurity for Today's Environment	5G Networks	IEEE Standard 1547: Connecting Distributed Energy Resources
Introduction to Blockchain Technology	Finite Element Method for Photonics	IEEE Guide to Autonomous Vehicle Technology	Modernizing the Smart Grid
Artificial Intelligence and Ethics in Design: Part 1	Artificial Intelligence and Ethics in Design: Part 2, Responsible Innovation	IEEE Introduction to Edge Computing	Enterprise Blockchain for Healthcare, IoT, Energy and Supply Chain

<http://iln.ieee.org>

The 2020 eLearning Front List

Cutting-edge learning courses coming from Educational Activities in 2020



Automotive
Cybersecurity

*Partner: Computer
Society*



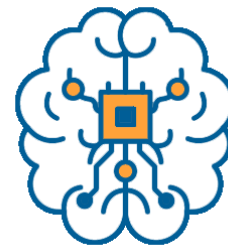
Digital
Transformation

*Partner: Future
Directions*



Machine
Learning

*Partner:
Computational
Intelligence Society*



Artificial Intelligence
Standards

*Partner: IEEE Standards
Association*

Free Webinars to Support Academic Faculty Transitioning to Distance Learning

On-Demand Webinar

Using eLearning to Support Distance Learning

Presented by: Timothy Kurzweg, Ph.D., Russ Meier, Ph.D., and Jennifer Fong



WATCH NOW

 **IEEE**

FREE ON-DEMAND

Online Delivery of Engineering Programs:

Tips You Can Use From an Experienced ABET-Accredited Program

Presented by: Stephen Phillips, Ph.D.



WATCH NOW


 **IEEE**

FREE ON-DEMAND


Helping Students Learn via Online Delivery:

Considerations for Pandemic Pedagogy

Presented by: Traci Nathans-Kelly, Ph.D.



WATCH NOW

 **IEEE**

FREE ON-DEMAND

Strategies for Effective Delivery of Online Engineering Courses:

Best Practices, Tips, and Toolkits

Presented by: Babak Beheshti, Ph.D.



WATCH NOW

 **IEEE**

FREE ON-DEMAND

Keep track of new events as they are added on the **IEEE Innovation at Work** site:

<https://innovationatwork.ieee.org/events/virtual-events/>

IEEE Tech Talk Virtual Event Series

A live virtual event series produced by Educational Activities in partnership with IEEE Societies and other OUs

- ▶ Free, 30-45 minute conversations with technical professionals from IEEE who are working on technologies that are impacting the pandemic response
- ▶ A different topic is offered each week (usually!)
- ▶ Live video of speakers and moderator
- ▶ Q&A at the end

<https://innovationatwork.ieee.org/events/virtual-events/>



Recent and Upcoming IEEE EA Events...

11 November - *Register to access the event recording*

Engineering Education 2.0- Transformation in Practice: Approaches to Innovative Instructional Design

18 November | 1pm ET

IEEE Virtual Tech Talk: Ultraviolet Light vs. COVID-19

2 December | 12pm ET

IEEE Virtual Tech Talk: Global Health, Wellness and Technology in a Post-COVID World

Coming in 2021!

[Bridging the 4G/5G Gap: Telecommunications Roadmap for Implementation](#)

Introduction to IEEE Learning Network (ILN)

- ▶ Introduction to IEEE Learning Network (2 min):

<https://innovationatwork.ieee.org/iln/>

- ▶ ILN Demo Video (22 min):

<https://ieee.webex.com/recordingservice/sites/ieee/recording/7C58538B34A7C104E05367A2F00A2543>

- ▶ IEEE Innovation at Work – Free Webinar Series:

<https://innovationatwork.ieee.org/>, <https://innovationatwork.ieee.org/events/virtual-events/>

How to Set Up Meeting to Use EA Resource

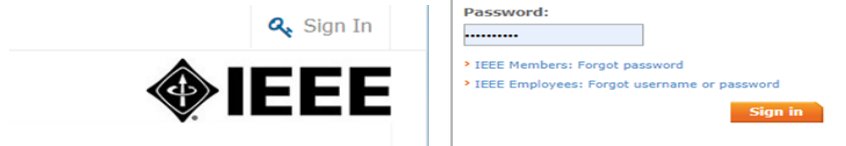
What is vTools?

- ▶ IEEE's suite of tools for volunteers
 - Events – planning, registering, and reporting
 - ENotice – mass emails to member groups
 - Officer Reporting – record keeping
 - Voting – conducting an on-line vote
 - Webex – setting up an on-line meeting
 - Other tools

Accessing vTools

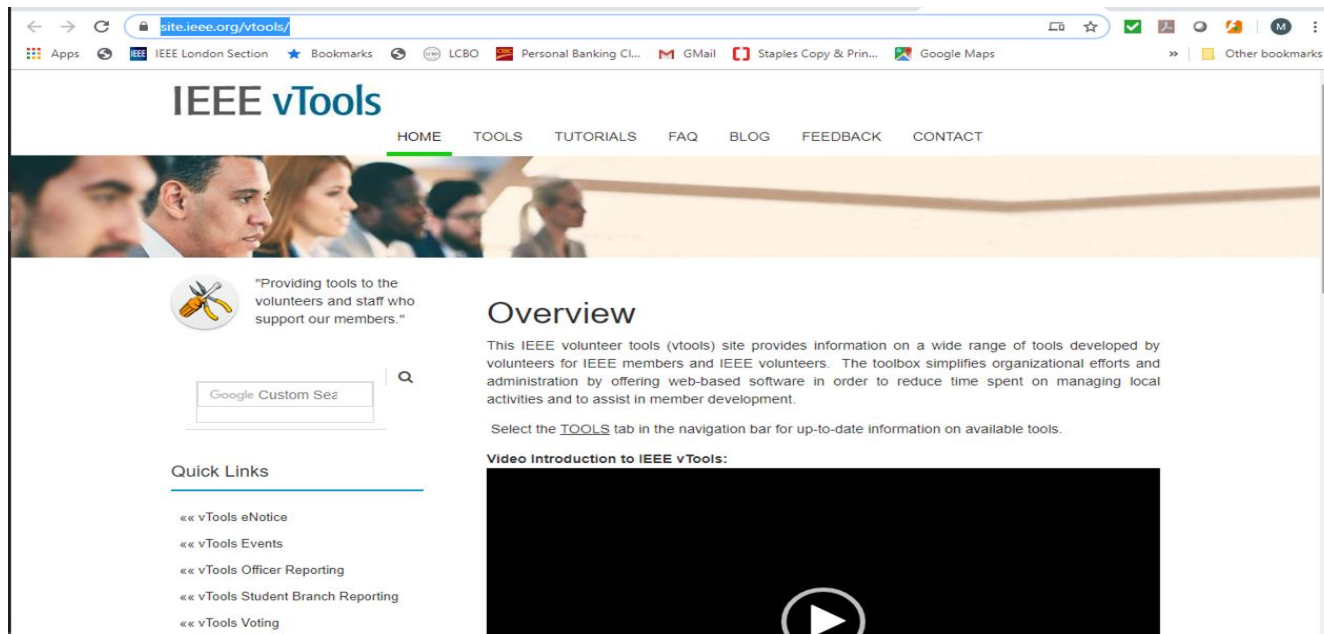
- <https://site.ieee.org/vtools/>
- Sign In using IEEE credentials

IEEE - Sign in to access the secure content



The screenshot shows the IEEE Sign In interface. At the top, there is a blue banner with the text "IEEE - Sign in to access the secure content". Below this, the "Sign in" form is displayed. It includes fields for "Email address:" (with the example "murraymacdonald@ieee.c") and "Password:" (masked with "*****"). There are links for "IEEE Members: Forgot password" and "IEEE Employees: Forgot username or password". A "Sign in" button is located at the bottom right of the form. To the left of the form, the IEEE logo and the text "Sign In" are visible.

Accessing vTools



The screenshot shows a web browser window with the address bar displaying `site.ieee.org/vtools/`. The browser's address bar and tabs are visible at the top. The website header features the "IEEE vTools" logo and a navigation menu with links: HOME, TOOLS, TUTORIALS, FAQ, BLOG, FEEDBACK, and CONTACT. Below the navigation bar is a large banner image showing a group of people. On the left side of the page, there is a quote: "Providing tools to the volunteers and staff who support our members." accompanied by an icon of crossed wrench and screwdriver. Below the quote is a Google Custom Search box. Underneath the search box is a section titled "Quick Links" with a list of links: « vTools eNotice, « vTools Events, « vTools Officer Reporting, « vTools Student Branch Reporting, and « vTools Voting. The main content area on the right is titled "Overview" and contains a paragraph about the IEEE volunteer tools (vtools) site. Below the paragraph is a video player with the title "Video Introduction to IEEE vTools:" and a play button icon.

site.ieee.org/vtools/

Apps IEEE London Section Bookmarks LCBO Personal Banking Cl... Gmail Staples Copy & Prin... Google Maps Other bookmarks

IEEE vTools

HOME TOOLS TUTORIALS FAQ BLOG FEEDBACK CONTACT

"Providing tools to the volunteers and staff who support our members."

Google Custom Search

Quick Links

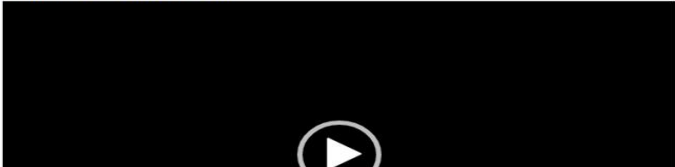
- « vTools eNotice
- « vTools Events
- « vTools Officer Reporting
- « vTools Student Branch Reporting
- « vTools Voting

Overview

This IEEE volunteer tools (vtools) site provides information on a wide range of tools developed by volunteers for IEEE members and IEEE volunteers. The toolbox simplifies organizational efforts and administration by offering web-based software in order to reduce time spent on managing local activities and to assist in member development.

Select the TOOLS tab in the navigation bar for up-to-date information on available tools.

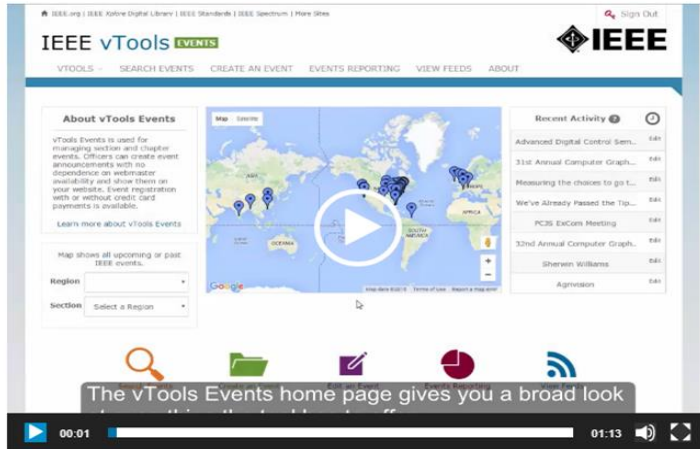
Video Introduction to IEEE vTools:



vTools Events and eNotice

<https://site.ieee.org/vtools/vtools-events-tutorials/>

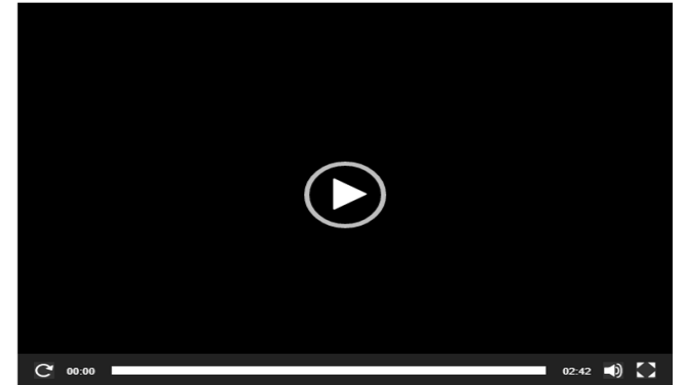
<https://site.ieee.org/vtools/enotice-tutorials/>



The vTools Events home page gives you a broad look

eNotice Tutorials

Creating new eNotices:



vTools Events and eNotice Exercise

<https://events.vtools.ieee.org/m/205387>

[IEEE.org](#) | [IEEE Xplore Digital Library](#) | [IEEE Standards](#) | [IEEE Spectrum](#) | [More Sites](#)

[Sign Out](#)

IEEE vTools **EVENTS**

[VTOOLS](#) [SEARCH](#) [EVENT/REPORT ADMINISTRATION](#) [VIEW FEEDS](#) [ABOUT](#) [CONTACT](#)

Welcome, Murray MacDonald

VTOOLS TRAINING

[Twitter](#) [Facebook](#) [Share](#) [LinkedIn](#) [Share](#)

I will provide training on **vTools** including creating an event, maintaining and reporting an event, creating an eNotice, using Voting, and requesting a Webex. Please bring your laptop or device as this is intended to be "hands on". If you have a specific task in mind, that would be perfect.

We will have coffee and water available.

[DATE AND TIME](#)

[LOCATION](#)

[CONTACT](#)

[REGISTRATION](#)

Date: 10 Oct 2019
Time: 06:00 PM to 07:00 PM
All times are America/Toronto
[Add Event to Calendar](#)
[Outlook \(vCal\)](#)
[iCal](#)
[Google Calendar](#)

University of Western Ontario
London, Ontario
Canada
Building: Amit Chakma Engineering Building
Room Number: ACEB 2450

[Email event contact](#)

Starts 23 September 2019 09:29 PM
Ends 10 October 2019 04:29 PM
All times are America/Toronto
No Admission Charge
[Reminders Now](#)

<https://events.vtools.ieee.org/legis/events/administration>

[IEEE.org](#) | [IEEE Xplore Digital Library](#) | [IEEE Standards](#) | [IEEE Spectrum](#) | [More Sites](#)

[Sign Out](#)

IEEE vTools **ENOTICE**

[VTOOLS](#) [MANAGE ENOTICES](#) [CONTACT STAFF](#) [ABOUT](#) [HELP](#)

VTOOLS ENOTICE

Automatic access is granted to Region Directors, Section Executive Committee Members, MD Chairs, SAMIEEE Recipients, Newsletter Editors, Webmasters; Chapter Executive Committee Members, Affinity Group Executive Committee Members, Student Branch Executive Committee Members and eNotice Coordinators.

Staff processed eNotices may take up to **5 business days** due to the volume of requests received daily.

For **critical eNotice requests** (e.g., cancellations), that do not qualify for eNotice Express, please set the Priority to "Critical". Every attempt will be made to accommodate critical requests during normal business hours.

IEEE organizational units using this service are strongly encouraged to limit emailings to **one per week**.

Express eNotice

- Self Service
- Available for standard geo unit eNotices
- Exceptions will be processed by staff
 - Special requests
 - Automatic reminders

vTools Events - Include if Educational

IEEE.org | IEEE Xplore Digital Library | IEEE Standards | IEEE Spectrum | More Sites

Sign In

IEEE vTools **EVENTS**

VTOLS SEARCH EVENT/REPORT ADMINISTRATION VIEW FEEDS ABOUT CONTACT

SEARCH EVENTS

Search term [?] ☐ Exact

Region [?]

Society/Affinity Group [?]

Event Category [?]

- ✓ Professional
- Technical
- Nontechnical
- Administrative
- Humanitarian
- Pre-U STEM Program

Section [?]

Organizational Unit [?]

Event Date & Time [?]

Recent | Upcoming After

Before

Recent Events Upcoming Events

Clear Search

Event
Category

Event Sub-
category

Event Sub-
category

IEEE

IEEE vTools **EVENTS**

VTOLS SEARCH EVENT/REPORT ADMINISTRATION VIEW FEEDS ABOUT CONTACT

SEARCH EVENTS

Learn how to integrate Event notices with your website
Hey! I want the new Search page.

Search term [?] ☐ Exact

Region [?]

Society/Affinity Group [?]

Location [?]

Within

of

Virtual? [?] ☐

Event Category [?]

Professional

Event Sub-category [?]

- ✓ Select one ...
- Continuing Education
- Professional Development
- Industrial Relations
- Professional (Other)

Section [?]

Organizational Unit [?]

Event Date & Time [?]

Recent | Upcoming After

Before

Recent Events Upcoming Events

Clear Search

vTools Events - Other Categories

Category * ? Sub-category * ?

Pre-U STEM Pr... Select one ...

Select one ...
Professional
Technical
Nontechnical
Administrative
Humanitarian
Pre-U STEM Program

Ix ↶ ↷

↑
**Event
Category**

Category * ? Sub-category * ?

Professional Select one ...

Time Zone *
America - Toronto

Select one ...
Continuing Education
Professional Development
Industry Relations
Professional (Other)

**Event Sub-
category**

Category * ? Sub-category * ?

Administrative Select one ...

Time Zone *
America - Toronto

Select one ...
ExCom
Officer Training

Category * ? Sub-category * ?

Pre-U STEM Pr... Select one ...

Time Zone *
America - Toronto

Select one ...
Camp
Career Day
Competition/STEM Fairs
Girls in STEM
Industry/Company Tour
Mentoring
Parent Program
Student Workshop
Teacher Workshop

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ating an eNotice, using Voting, and requesting
ific task is mind, that would be perfect

Educational Events Options

- ▶ From <https://innovationatwork.ieee.org/events/virtual-events/> (free options)
 - [IEEE Guide to Autonomous Vehicle Technology](#)
- ▶ From <https://iln.ieee.org/> (webinars)
 - [Introduction to Sustainable Green Engineering System Analysis and Design](#)
- ▶ From <https://tryengineering.org/> (pre-university)
 - Check out the [Covid-19](#)



Education Volunteer Resources

EA.IEEE.ORG

- ▶ Information related to EA programs

- Links to websites
- Flyers/promotional brochure links
- <https://ea.ieee.org/ea-programs>

- ▶ EAB news

- ▶ Volunteer Development resources

- ▶ Contact details

- ▶ ... and much more!

- ▶ Access using your IEEE account

The screenshot displays the IEEE Educational Activities website. At the top, a navigation bar includes links to IEEE.org, IEEE Xplore Digital Library, IEEE Standards, IEEE Spectrum, and More Sites, along with a Sign In button. The main header features the IEEE logo and social media icons for Facebook, Twitter, and LinkedIn. Below the header, a secondary navigation bar lists Home, News, Educational Activities Board, Committees, EA Programs, Resources, Calendar, and Contacts. The main content area is divided into three sections: 1. IEEE Standards University: A section with a video player showing a person using a laptop, accompanied by text about IEEE Standards University programs and a 'Read more' link. 2. Sign In: A section with a 'Sign In' heading, a brief explanation of IEEE account requirements, and a form with fields for Email address and Password, a Sign In button, and links for 'Retrieve username/password' and 'Update/create IEEE Account'. 3. EA Programs: A section with the heading 'EA Programs', a sub-heading 'IEEE Learning Network', a paragraph describing the IEEE Learning Network (ILN) as a single online portal for continuing education, and a list of educational content areas including SD, Autonomous Vehicles, AI & Ethics in Design, and more. It also lists features like course access from any device, the ability to pick up courses, and learner behavior tracking. Below this, it mentions the IEEE Learning Network (ILN) website: <https://ln.ieee.org>. Further down, it features 'IEEE EAB Awards', explaining that the IEEE Educational Activities Board (EAB) Awards recognize major contributions to engineering and technical education, with a deadline of the first Monday after 30 April. It lists award categories like meritorious activities in accreditation, continuing education, and pre-university education. It provides the awards website: <https://www.ieee.org/education/awards/index.html> and the awards nomination website: https://ieee-secure-platform.com/a/page/major_board_awards/Educational_Activities. At the bottom, there is a 'Powered by IEEE TRY Engineering' logo and a paragraph stating that TryEngineering.org provides online information on engineering careers with interactive activities for parents, teachers, school counselors, and pre-university students, and that these resources are free and available to the public. It also mentions that TryEngineering.org offers visitors access to lesson plans, online games, accredited university programs in over 75 countries, and information about engineering careers.

EA Insight

- ▶ Newsletter from EAB containing
 - News
 - Updates on program, products and services
 - Announcements
 - Resources
- ▶ Produced thrice per year
- ▶ Sent to all Section EA Chairs, Section Chairs, Region Directors and any position title that indicates education



Resources



- ▶ Educational Activities Volunteer Website
 - <https://ea.ieee.org/>
- ▶ 2020 Educational Activities Board Member List
 - <https://rosters.ieee.org/home.html>
- ▶ 2020 Educational Activities Committee Rosters
 - <https://rosters.ieee.org/home.html>
- ▶ 2020 Educational Activities Staff Listing
 - <https://ea.ieee.org/contacts/educational-activities-staff-contacts>

Questions and Discussion



► If you are willing to receive support for your ILN event with members from your section / chapter / student branch, please send your request for details by email:

- IEEE Canada EA: ieee.canada.ea@gmail.com
- Rossitza Marinova: marinova@ieee.org
- Deyasini Majumdar: deyasini.majumdar@ieee.org
- Murray MacDonald: murraymacdonald@ieee.org
- IEEE Educational Activities: edu-activities@ieee.org

Thank you for your participation!

Questions and Discussion

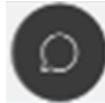


IEEE Canada



- ▶ If you want to ask a question, type it into the Chat tab or raise your hand in the Participant tab and wait to be acknowledged

- Chat



- Participant

