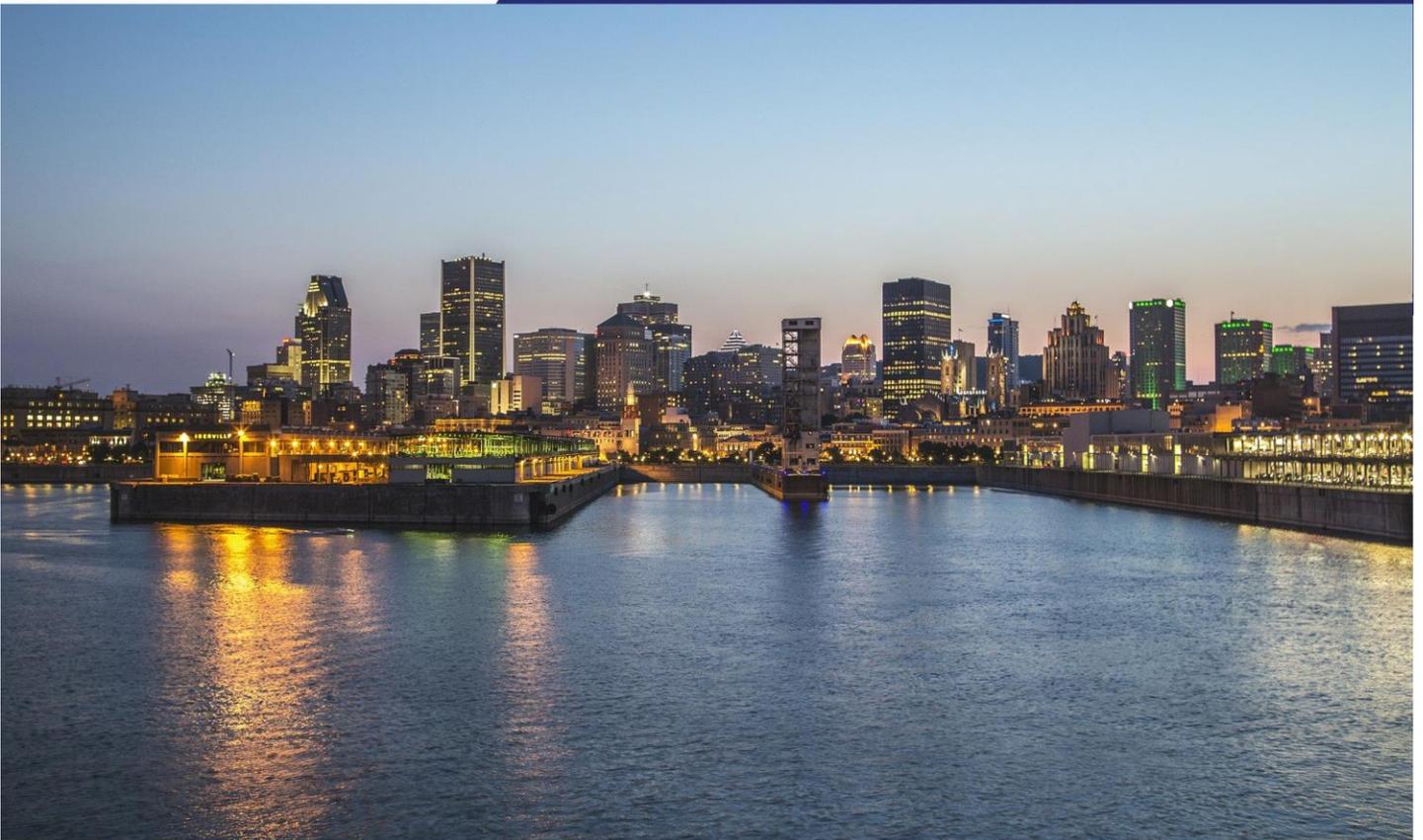




68th Annual SES Conference



Standardization: Towards a Better Quality of Life

August 6-8, 2019

Le Centre Sheraton Montreal Hotel
Montreal, QC, Canada

TUESDAY, AUGUST 6, 2019

- 7:00 a.m. to 8:00 a.m.** Registration
- 8:00 a.m. to 1:00 p.m.** *Fundamentals of Standards and Conformity Assessment: Basic Knowledge and Tools for Today's Professional*
- See registration form for course rates.
- 1:00 p.m. to 5:00 p.m.** *NextGen Standards Professional Workshop*
- There is no fee to attend the workshop for attendees of the 68th Annual SES Conference but registration is required.
- 4:00 p.m. to 6:00 p.m.** Registration
- 4:00 p.m. to 5:30 p.m.** Exhibits
- 6:00 p.m. to 8:00 p.m.** Welcome Reception

WEDNESDAY, AUGUST 7, 2019

- 7:30 a.m.** Registration, Breakfast, and Exhibits
- 8:45 a.m.** Official Opening
- Mark Ramlochan**, ULC Standards, SES Conference Chair
Edward Mikoski Jr., CStd, FSES, Electronic Components Industry Association, SES President
- 9:00 a.m.** Keynote Address: *Canada's Standardization Network: A Strong Economic Future Built on Standards*
- Chantal Guay, ing. P.Eng.**, Chief Executive Officer, Standards Council of Canada
- 9:45 a.m.** Refreshment Break and Exhibits
- 10:15 a.m.** *Session 1: The Interdependence of Quality and Standardization*
- The value that standards or standardization brings to users, be it regulatory bodies, designers, manufacturers, service providers, or consumers, is enormous. Standardization decreases ambiguity and estimation, guaranteeing quality, boosting productivity, and increasing employee morale. Quality standards also have a definitive role in ensuring the performance and safety of products and processes, and can increase regulatory confidence. In this interactive roundtable panel, leadership of standardization activities will discuss perspectives on the interrelatedness and interdependency of standards and quality to improve products and services.
- Panel:
Edward Mikoski Jr., CStd, FSES, Electronic Components Industry Association
Gurvinder Chopra, Electro-Federation Canada
U.S. FDA (invited)
- Questions & Answers
- 11:45 a.m.** Luncheon and SES Awards Presentation
- Amanda Benedict, AStd**, SES Awards Committee Chair
- 1:00 p.m.** Exhibits

1:15 p.m. *Session 2: Integrating Climate Change Adaptation into Infrastructure Codes and Standards*

This session will bring together several members of the Standards Development Organizations for Climate Resilient Infrastructure Working Group to discuss their perspectives on how to integrate climate change adaptation into the standardization system in Canada. The panelists will share lessons learned from recent work to update existing standards and codes, develop new standards, and produce guidance materials and other tools to support technical committees to address climate change and extreme weather.

Moderator: **Marla Desat**, Standards Council of Canada

Speakers:

John Wade, ULC Standards

Ana-Maria Tomlinson, CSA Group

Lo Cheng, Canadian Centre for Climate Services, Environment and Climate Change Canada

Questions & Answers

2:45 p.m. Refreshment Break and Exhibits

3:15 p.m. *Session 3: Breakout Session: Case Studies*

Conference participants will choose to attend either of the following:

Manufacturing Process Standards Improvement at Boeing - Alton Sanders Sr., Boeing Research and Technology

The Boeing Company is in the fourth year of a program to improve the quality of commercial aircraft manufacturing process standards. The company developed text analytics machine learning technology tools based on the requirements of the Simplified Technical English Standard, ASD-STE100, to create better standards. This case study explains the purpose and scope of the standards improvement program, the features and technology used to measure and rank the quality of process standards, and how engineers and technical writers use technology to support better writing and continuous improvement.

Building a Better Boot and a Framework for Successful Standards Development - Casandra Robinson, Standards Coordination Office, National Institute of Standards and Technology (NIST)

NIST is working with the U.S. Army to improve purchase descriptions for soldier equipment by enhancing existing or developing new test methods and transitioning from material/design requirements to performance requirements. The first equipment addressed was Jungle Combat Boots. NIST and the Army collaborated with private-sector stakeholders to develop a plan to identify/prioritize work needed and to develop a repeatable framework for improving other Army purchase descriptions. This presentation will describe the framework and its application to any project.

4:15 p.m. *Session 4: Artificial Intelligence for Standards Development*

We all appreciate how much hard work goes into creating standards. We hear groups are being asked to make standards faster and possibly shorter. What if artificial intelligence could be used to make standards development more efficient? Can new insights be gained from understanding how end users interact with standards? Are there opportunities to shorten low use areas? Do we know what areas are the most valuable? Do you know what terms users search to find your standards? In this session, we explore how technology could help innovate standards development.

Speaker: **Alison Kessler**, IHS Markit

5:00 p.m. Day One program ends

7:30 a.m. Registration, Breakfast, and Exhibits

8:30 a.m. Session 5: *Legal and Intellectual Property Challenges in Standards Development and Conformity Assessment*

With the emergence of electrification and digitization, standards have become a key driver in every industry. From open source to anti-counterfeiting, standards can be used in unique ways to grow industry and protect the consumer. However, due to intellectual property rights and patented technology, there are risks involved and therefore the standards development must be a collaborative effort among SDOs, regulators, and technology drivers. This session will focus on IP issues encountered during the standard-setting process, as well as at the conformity assessment stage.

Moderator: **Karen Reczek, CStd**, National Institute of Standards and Technology

Speakers:

Andrew Updegrove, Gesmer Updegrove LLP

Clark Silcox, National Electrical Manufacturers Association

Dr. Richard P. McDermott, ECC Corp.

Questions & Answers

10:00 a.m. Refreshment Break and Exhibits

10:30 a.m. Session 6: *Better Quality of Life for First Responders Through Standards*

The paramedic community (paramedics, dispatchers, and related staff) provides essential services in North America, keeping our communities safe, working continuously on the front lines, and are the first to arrive at the scene. In practice, the scope, organization, and responsibilities of paramedic organizations can vary widely from region to region. The relatively few standards used in Canada have largely been driven by the regulatory process or by U.S. standards-setting bodies, with little engagement from the Canadian paramedic community. To improve the quality of life of Canada's paramedic workers, CSA Group has successfully established a collection of Canadian standards and resources intended to benefit paramedics in Canada and help to better define and strengthen their changing role in workplaces. These standards are developed by bringing together diverse and representative perspectives and facilitating consensus building.

Moderator: **Priya Malik**, CSA Group

Speakers:

Pierre Poirier, Paramedic Association of Canada

Chris Hood, Paramedic Association of New Brunswick

Mike Nolan, Renfrew County Paramedic Service

Questions & Answers

12:00 p.m. Luncheon and SES Annual Meeting

Edward Mikoski Jr., CStd, FSES, Electronic Components Industry Association, SES President

1:15 p.m. Session 7: *The Next Evolution in Standards: Streamlining Downstream Consumption of Standards*

"Standardization towards a better quality of life" involves making sure downstream consumption of standards' content is frictionless. This requires a different strategy than making PDFs available for download. Organizations need to think about content creation, production processes, and delivery models. Content creators and production staff need to understand best practices to prepare standards content so people and systems can consume it.

Moderator: **Brian Trombley**, Data Conversion Laboratory, LLC

Speakers:

Dan Berger, American Water Works Association

Andrew Bank, XSB

Guilaine Fournet, International Electrotechnical Commission

Kevin Shanahan, ASTM International

Questions & Answers

2:30 p.m. Refreshment Break and Exhibits

3:00 p.m. Session 8: *Improving Quality of Stakeholder Engagement in Standardization*

The focus on improving quality of stakeholder engagement in the development of standards is more critical than ever with stakeholders requiring reduced barriers to access, an open and transparent process, and more timely, efficient and innovative processes. As standards development organizations increase engagement beyond traditional experts to include consumers and expand into industries that traditionally have not used standards, the need for innovative mechanisms, lean processes, and virtual approaches for standards development is becoming apparent. Panelists will discuss the needs, techniques, and balance required to ensure due process based on openness, balance, and consensus.

Moderator: **Andrei Moldoveanu, AStd**, National Electrical Manufacturers Association

Speakers:

Teresa Ambrosius, AStd, Academy Standards Board, American Academy of Forensic Sciences

Randi Myers and **Maria Iafano**, UL Standards

Matt Williams, Association of Home Appliance Manufacturers

Questions & Answers

4:30 p.m. Closing Keynote Address

5:00 p.m. Conference ends



SES - The Society for Standards Professionals

presents the following course
in conjunction with the 68th Annual SES Conference

Tuesday, August 6, 2019

8:00 a.m. – 1:00 p.m.

Fundamentals of Standards and Conformity Assessment: Basic Knowledge and Tools for Today's Professional

This half-day course will provide fundamentals on standardization, along with tools and resources to be used throughout one's career. Attendees will also earn credits towards the SES certification program for standards professionals.

Format

Lectures and an interactive exercise; includes continental breakfast, a break, and lunch

Description

This high-energy introductory course covers the fundamentals of standards, conformity assessment, and the various processes and business models involved in standards setting and conformity assessment practices. Key concepts include the importance of standards and conformity assessment to global trade, the standards developing process, and issues and drivers facing today's standards community.

Topics

- What are standards. Why use standards?
- Standards developing organizations
- Standards stakeholders
- Standards development life cycle
- Harmonization of Standards
- Research and acquiring standards
- Tools used in standards development
- What is conformity assessment?

Instructors

Suzanne Alfano, National Electrical Manufacturers Association (NEMA)

Muhammed Ali, AStd, NEMA

Lisa Carnahan, National Institute of Standards and Technology (NIST)

Mike Palm, Underwriters Laboratories, Inc.

Karen Reczek, CStd, NIST

Lisa Spellman, AStd, Medical Imaging & Technology Alliance/Digital Communications in Medicine

Who Should Attend?

New standards professionals, corporate managers, engineers, government and public administration staff, standards developing organization staff and volunteers, consumers, faculty, and students that want to enhance his/her working knowledge of standards and conformity topics



SES - The Society for Standards Professionals

presents the following event
in conjunction with the 68th Annual SES Conference

Tuesday, August 6, 2019

1:00 p.m. – 5:00 p.m.

NextGen Standards Professional Workshop

Description

It is important to raise awareness via different platforms about standards, professionals involved in standards, and the impact they have in improving the quality of our life. SES is organizing a dynamic workshop focusing on the future of standards and the Next Generation of standardization professionals. This workshop will highlight current education initiatives regarding standards and conformity assessment, explore the standards development process in a digital age, review current skills and credentials and explore the future expected knowledge set for professionals involved in standards work, and explain the importance of having young professionals involved to expand engagement and awareness of standards.

The top three reasons to attend this workshop:

- Be empowered to take an initiative towards expanding the awareness of the work you do
- Network, collaborate, and share your knowledge with other standards professionals
- Learn to lead the digital transformation process for standards development for your organization

Agenda

- Moderator introduction and workshop kickoff
- Panel presentations on developing NextGen standardization professionals
- Interactive session
- Conclusions and takeaways

Presenters

Muhammed Ali, AStd, National Electrical Manufacturers Association (NEMA)

Michael Erbesfeld, NEMA

Kerri Haresign, Consumer Technology Association

Marianna Kramáriková, AStd, Telecommunications Industry Association

Claude Y Laporte, Ph.D., École de technologie supérieure

Travis Murdock, ASTM International

Nathan Phillips, Aerospace Industries Association

Karen Reczek, CStd, National Institute of Standards and Technology

Ray Woo, CSA Group

Wallie Zoller, Rockwell Automation

Who Should Attend?

Standards professionals, corporate managers, engineers, government and public administration staff, standards developing organization staff and volunteers, consumers, and faculty and students, who want to discuss needs for developing our next generation of standards professionals.

There is no fee for this workshop for attendees of the 68th Annual SES Conference but registration is required.

68th ANNUAL SES CONFERENCE AND COURSE RATES

(All prices are in U.S. Dollars)

	Register by July 22 nd	Register after July 22 nd
<u>Full Conference Rates:</u>		
SES Member	\$695	\$795
Nonmember	\$795	\$895
SES Retired/Student Member	\$350	\$450
<u>One Day Rates:</u>		
SES Member	\$365	\$415
Nonmember	\$415	\$465
SES Retired/Student Member	\$200	\$250
<u>Rates for Fundamentals of Standards and Conformity Assessment Course:</u>		
SES Member	\$300	\$400
Nonmember	\$400	\$500
SES Retired/Student Member	\$200	\$300

NextGen Standards Professional Workshop:

August 6th 1 p.m. – 5 p.m.

Open to all conference registrants. There is **no charge**, but you must register.

Wednesday Evening Dinner Cruise: \$95 per person

Conference Cancellation Policy

All cancellation requests and changes must be received in writing. A 20% cancellation fee will be charged to registrants who cancel after July 22, 2019. No refunds will be provided to registrants who cancel after July 31, 2019; however, you may send a substitute. If the conference or course(s), or both, are cancelled, SES' responsibility is limited to the return of the fees paid by the registrant.

TAX Deductions

U.S. Treas. Reg. Sec. 1.162-5 permits "an income tax deduction for educational expenses (registration fees, cost of travel, meals and lodging) undertaken: 1) to maintain or improve skills required in one's employment or other trade or business, or 2) to meet express requirements of an employer or a law imposed as a condition of retention of employment, job status, or rate of compensation." Also, see Tax Information Education Expenses (1991 ed.), issued by the U.S. Department of the Treasury available free at all local IRS offices. SES Tax Identification Number (TIN): 06-6010634

Visit the Conference page of the SES website at www.ses-standards.org to register online or to download a registration form.

68th ANNUAL SES CONFERENCE SPONSOR AND EXHIBITOR RATES

Gold:	\$3,000
<ul style="list-style-type: none"> • Signage recognition (Logo to be displayed on SES signs throughout the event) • Website recognition (Logo to be displayed on ses-standards.org) • Table display • Complimentary full page advertisement in SES conference brochure • Information on organization can be distributed in participant tote bags and/or provided with the table display 	
Silver:	\$2,000
<ul style="list-style-type: none"> • Signage recognition (Logo to be displayed on SES signs throughout the event) • Website recognition (Logo to be displayed on ses-standards.org) • Complimentary ½ page advertisement in SES conference brochure 	
Bronze:	\$1,000
<ul style="list-style-type: none"> • Signage recognition (Logo to be displayed on SES signs throughout the event) • Website recognition (Logo to be displayed on ses-standards.org) 	
EXHIBITOR (table top)	\$750
ADVERTISE IN FINAL CONFERENCE PROGRAM (Deadline for inclusion in this year's program is June 24, 2019)	
<ul style="list-style-type: none"> • Full Page • Inside Front Cover • Inside Back Cover • Two-page Center Spread 	\$300 \$500 \$400 \$1,000

Visit the Conference page of the SES website at www.ses-standards.org to download the full Sponsor/Exhibitor form.



HOTEL INFORMATION

Le Centre Sheraton Montreal Hotel is the site for the 68th Annual SES Conference. The hotel is located in the bustling downtown district of Montreal, steps away from Bell Centre and St. Catherine Street and close to landmarks like the Old Port and Notre Dame Basilica.

Le Centre Sheraton Montreal Hotel
1201 Boulevard Rene-Levesque West
Montreal, Quebec H3B 2L7
Canada

SES Conference Room Rate: Standard: \$229 CAD (single, double) Rate available July 31 - August 14, 2019

To make your room reservation call **1-800-325-3535** and refer to the **68th Annual SES Conference**. Or go to www.ses-standards.org and follow the link to make a reservation online.

TUESDAY EVENING WELCOME RECEPTION

Come join your fellow meeting attendees, moderators, speakers, and exhibitors at the opening Welcome Reception at Le Centre Sheraton Montreal Hotel on August 6th from 6:00 p.m. to 8:00 p.m.

This event, included in your registration, is a great opportunity to catch up with fellow members and colleagues, and make new connections while enjoying cocktails and light hors d'oeuvres.

WEDNESDAY EVENING DINNER CRUISE

Join your SES colleagues for a dinner cruise aboard Le Bateau-Mouche. We will board the buses at the hotel at 6:15 p.m. for transport to the boat. The cost for this event (\$95.00) includes cocktails, four course dinner, entertainment, and transportation. Be sure to sign up when you register for the conference.

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