

Capital Communiqué

2008 - 2009

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<http://www.ashrae.ottawa.on.ca> **OTTAWA VALLEY CHAPTER** e-mail: contact@ashrae.ottawa.on.ca

EVENING PROGRAM

DATE: Tuesday **September 16, 2008.** Social: 16:30 Dinner: 18:30 Social: continuous... The Prescott, 379 Preston Street, Ottawa, Ont., (613) 232-4217..

TECH SESSION **Extended Social at the Prescott Hotel with Free Square Pizza**

THEME: **Living History**

SPEAKER: **Rod Potter**

OVERVIEW: How much do you know about the Ottawa Valley Chapter History? Join Rod after our meal for a History Quiz to test your knowledge... Refresh your knowledge by first visiting our history section on the ASHRAE Ottawa Valley Chapter website at <http://www.ashrae.ottawa.on.ca/>

Menu

Garden salad to start

Choice of:

Chicken Parmigian (side of spaghetti)

Meatball Melt

or the Famous Meatball platter (side of fries).

Desert is cake and coffee.

If you are a vegetarian, ask the server for a list of options.

Chapter Members: \$30.00 Guests: \$45.00



President's Message

By Patrick St-Onge
P.Eng., LEED AP
2008-2009 OVC President

Welcome back! Another great season of ASHRAE begins. After the change of guard this summer, everybody is back on their feet and ready for this new season. The program committee has been hard at work to put together another great series of events for the year. Please visit our website for all the dates and evening topics.

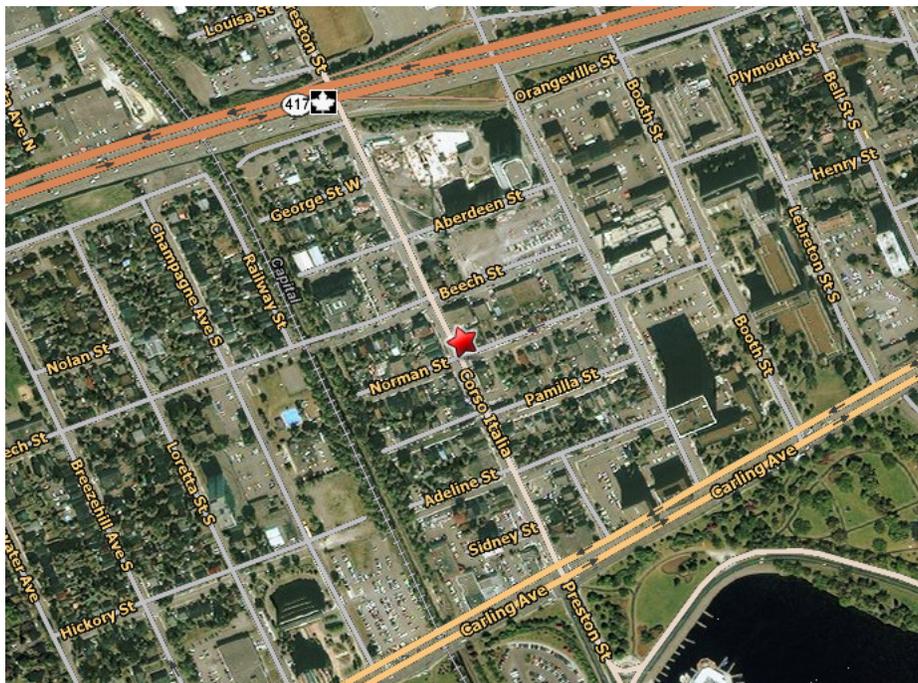
As we are finalizing the topics and speakers for this upcoming year, we are keeping in mind that one of our goals this year is to increase the attendance at the monthly meetings. Of course, we are once again counting on a strong program to attract the members; however, I am counting on each and every one of you to spread the word around and bring some people with you to our meetings. Our new location, at the Travelodge, will be more central and I am hoping it will therefore be more attractive to many of you.

What makes our chapter such an active one is of course the participation of our members. Your simple attendance at our events is already a very important part of this participation. If you wish to put your shoulder to the wheel and take part in one of our committees, please show your interest to myself or the related chairs. Every participative member contributes to the success of the Ottawa Valley Chapter.

I would like to invite you to join us at the first meeting of the season on **September 16th at the Prescott Hotel** once again to meet with your peers and fellow members or members to be. Rod Potter has prepared a quiz about the history of the Chapter that will certainly be very entertaining. I am sure it will remind you of some old memories or some you wish you had. A map showing the location of Prescott is shown below. See you there!

Yours very truly,

Patrick St-Onge, P.Eng., LEED AP
ASHRAE Ottawa Valley Chapter
2008-2009 President



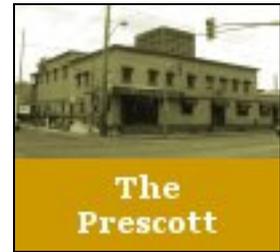
The Prescott, 379 Preston Street, Ottawa, Ont., (613) 232-4217



Theme – Living History

by Rod Potter

Governor, Chapter Historian, Gopher and Webmaster



So here we are starting another fabulous ASHRAE OVC year at the Prescott Hotel, which I will remind all of you was the original meeting place for the Chapter. That first meeting took place on September 16th, 1952, under the watchful eye of none other than Bunny Stotesbury, our illustrious first president. That meeting was held in the main dining room, which I noticed the other day is rather large, and was presumably just as entertaining back then as it is today. I lunched at the Prescott last week to check things out for our September meeting, accompanied by two-thirds of our hat-trick, Patrick Albert and Patrick St-Onge, plus that rascal Richard Albert. The Alberts have a history with the Prescott Hotel that is presumably too risqué to explain here, but they prove most useful when it comes to arranging things there.

In recent years we have made use of the long first floor room on the north side of the hotel. Things will be different this year because the guys at the Prescott have revealed that the basement meeting room has been refurbished. This room is accessed from the entrance off Prescott Street at front-right when facing the hotel. Enter there and go directly down the stairs into a surprisingly large room that has a capacity of 115 people. This room used to be used for the off-track betting crowd and had many television sets mounted high up around the room. I can imagine it was pretty serious stuff a few years ago. The Prescott management has entirely repainted the room with what seemed like a brick-red colour. I asked why they chose such a dark colour and I was told the dark red covered a multitude of sins.

Anyway the room looks like it will be just fine for our meeting, c/w its own bar, and dumbwaiter at the back for handling the food. We were discussing the various options for menu and eventually decided to go with the standard fare we all know and love – square sandwiches and meatball pizza – or something like that. The menu is actually impressive (definitely aimed at the male taste buds) and I sampled their spaghetti carbonara which was excellent and laced with so much turkey and other meats that I simply could not eat all of it. Our food was served by a waiter by the name of Dave (I think) and this guy has worked there for about 30 years. Richard Albert tells me that there is a well-known Ottawa folk song that tells you to “visit the Prescott and get served by Dave”. I guess you could say that Dave is living history in that sense. When we first arrived he was quick to pounce on our table offering us beer, to which we replied in the affirmative. “Large or small?” Until that point I was not aware that Coors Light was available in quart bottles. Funny how even though the bottle is larger, there still isn’t any beer in it...

For many years I used to belittle history as a useless subject and spout that the only thing you can do with history knowledge is teach it. This might still be true, but over the past couple of years I have learned that history can be entertaining. Building the History Section of our website has caused me to look through loads of photo albums and documents that I would once have regarded as boring. But these documents are worth looking at, because the people in the photos and the documents they wrote are part of what makes us Ottawa Valley Chapter. None of it is irrelevant. Everything that we do in our working and social lives in this HVAC community adds to the living history that is ASHRAE OVC.

I look forward to seeing many of you at the September meeting, and I will do my best to record some of the living history that ensues. I have prepared a short **History Quiz** that you might like to take part in after our meal, and hopefully by then you will have imbibed enough liquid history to be ready to rumble. Be there or eat square pizza!

Cheers from the office of Rodders CAS.



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Partner/Mechanical Section Head
Jim.Siciliano@mckeeottawa.ca

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Ottawa, Ontario K2H 5B9

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Patrick St. Onge, P.Eng, LEED AP
Project Manager – Mechanical Engineer

www.WBBPengineering.com
patrick.stonge@WBBPengineering.com



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President &
CRC Delegate



Chapters Regional Conference Summary

By Patrick St-Onge
P.Eng., LEED AP
2008-2009 OVC President

The Region II Chapters Regional Conference (CRC) was hosted by the Montreal chapter from August 23rd to August 25th. The Ottawa Valley Chapter was represented by Patrick St-Onge - Delegate, Jason Alexander - Alternate, Robert Lefebvre - Research Promotion Chair, Christine Kemp representing Membership Promotion Chair, Stephen Lynch representing Student Activities, Rod Potter - History Chair and Glenn MacClean, representing CTTC. The Ottawa Valley Chapter was also represented at the Regional level by Joel Primeau - Student Activities RVC and Jay Jayaraman - Membership Promotion RVC. Darryl Boyce was also attending for ASHRAE Research Canada

As with past CRC's, the Regional business was attended by all the chapter, regional and society delegates. Workshops were presented by the RVC's to the chapter chairs on how to improve the operation of the chapter and better extend services to the membership. The Ottawa Valley Chapter was also presented with the Presidential Award of Excellence and exceeding our Research Promotion goal by 5%. Rod Potter received the Gold Ribbon Award for his excellent work with the History committee (the History portion of the website is the envy of all chapters throughout society). Christine Kemp received an award for her great work as membership promotion chair.

Next year's CRC is being hosted by the Windsor Chapter in August 2009.

Patrick St-Onge, P.Eng., LEED AP
ASHRAE Ottawa Valley Chapter
2008-2009 President



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Committee
Chair



Membership

By Philippe Lemieux
2008-2009 OVC Membership Promotion Chair

The ASHRAE Ottawa Valley Chapter would like to thank, Mr. Alexis Codina, Mr. Kenneth J Bowman and Mr. Matthew Laframboise for joining our chapter.

Let's make them feel at home at the September meeting.

Past President



Table Top Display

By Glenn MacLean P.Eng.
OVC Past President



The Prescott Tavern's famous square pizza is being served as appetizers for those wanting to come to the meeting for the 'technical session' - pizza will be served starting at 5pm, so come early and catch up on a summer full of trades, free agencies and firings (and that's just in our industry, if we have time we can talk hockey... don't get me started)

This meeting's table top is sponsored by Engineered Air

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ASHRAE OVC – Student Activities: The Year of the Design Competition

By Stephen Lynch
2008-2009 OVC Treasurer

The beginning of a new ASHRAE season for Student Activities starts off strong, with our chapter's involvement in mentoring students at Algonquin College in the ASHRAE Design Competition. The feedback from the CRC this year is a focus more on K-12 involvement. While work on K-12 we will continue to promote ASHRAE to the local Universities and Colleges and work on developing other strong student chapters, like Algonquin.

Algonquin played a large part in our student activities last year and their focus is even more involved this year with a revived student chapter and incorporating the design competition into the curriculum. We are still looking for mentors to spend approximately 1 hour a month assisting the students in achieving the best they can in this competition. Thanks to Chris Frauley from R. J. McKee who stepped up to the plate immediately to volunteer his time. Please contact Stephen Lynch for more information.

Promoting K-12 can be a daunting effort, but there are simple ways of getting the word out and helping your chapter with recognition in this area;

- National Engineering Week: Occurs in the end of February. Contact your local PEO chapter and get involved.
- Students a Work Day: Get involved in coop or work days that give students a chance to see what our industry is like.
- In School Activities: I have been provided a list of several activities that can be performed at school which are easy and generate conversation. There is no need for dry presentations to uninterested teenagers. Contact a science teacher or a principal and volunteer ½ hour of your time.

If you do participate in any of these fantastic endeavours, advise your student activities chair. As a chapter we are recognized for our chapter's ability to promote ASHRAE and engineering to K-12 students. Let's spread the word...

Finally, I will be passing the Student Activities Chair hat over to Sebastien Laroche from Pageau Morel. I encourage everyone to help Sebastien in ensuring our chapter's success by investing a small amount of time into promoting ASHRAE to potential new members.

As with all other monthly meetings, we encourage individuals or companies to support a student through sponsoring their meals. Please let the greeters at the front know that you would like to sponsor a student for the night. If you would like to sponsor student meals throughout the year we will recognize your contributions by issuing you a receipt for your investment in Student Activities, publish your name and/or company's name on our website, and include you in our list of previous donors in the Capital Communiqué

Thank you for your support,

Stephen Lynch

More student related information from ASHRAE:

Check This Out:

Greetings! Please check out the latest edition of the Student Activities newsletter online at:
<http://www.ashrae.org/aug2008studentnews>.

ASHRAE Scholarship Program
<http://www.ashrae.org/students/page/1271>

See Below For Details

Dates to remember:

ASHRAE Student Night – Tuesday, November 18th: Sponsor a students dinner and introduce them to ASHRAE and the Ottawa Valley Chapter.

ASHRAE Career Fair '09 – Tuesday, March 17th: A new date for students. We need promotion to Schools as well as industry support. Sign-up for your booth today.

Undergraduate Engineering Scholarships

Application Deadline: Dec. 1

Available to undergraduate students enrolled full-time in a program accredited by the [Accreditation Board for Engineering and Technology \(ABET\)](#), or a substantially equivalent program outside the United States, leading to a Bachelor of Science or Engineering degree. Applicants must have a cumulative grade point average of at least 3.0 on a 4.0 scale.

\$10,000 scholarships

- Willis H. Carrier Scholarship – One-year \$10,000 undergraduate engineering scholarships established by The Carrier Corp. in memory of its founder, a pioneer in the HVAC&R industry known for his contributions to establishing air conditioning as an industry. Carrier installed the world's first scientifically designed air-conditioning system in 1902.
- Reuben Trane Scholarships – Two-year \$10,000 undergraduate engineering scholarships awarded in two disbursements of \$5,000 each at the beginning of students' junior and senior years. Established in memory of The Trane Co. founder, an engineer, inventor and business executive whose manufacturing enterprise ranks today as one of the world's largest in the HVAC&R industry.

\$5,000 scholarship

- Frank M. Coda Scholarship – One-year \$5,000 undergraduate engineering scholarship named in memory of ASHRAE's former executive vice president, who served the Society from 1981-2004.

\$3,000 scholarships

One-year \$3,000 Undergraduate Engineering Scholarships.

- ASHRAE General Scholarships
- ASHRAE Memorial Scholarship
- Alwin B. Newton Scholarship – Named in memory of an industry pioneer who was granted 219 patents.
- Duane Hanson Scholarship – Named after the president of Gayner Engineers, a consulting mechanical/electrical engineering firm in San Francisco.
- Henry Adams Scholarship – Established by Henry Adams Inc, a Baltimore, Maryland-based consulting firm, in memory of its founder, a charter member and former president of an ASHRAE predecessor society.

Undergraduate Engineering Technology Scholarships

Application Deadline: May 1

One-Year \$3,000 Engineering Technology Scholarships

Available to undergraduate college/university students enrolled full-time in an engineering technology program accredited by the Accreditation Board of Engineering and Technology (ABET) leading to a Bachelor of Science degree or any engineering technology program leading to an Associate of Science degree relating to HVAC&R. Applicants must have a cumulative college grade point average of at least 3.0 on a 4.0 scale.

Basic Scholarship Criteria

- Full-time enrollment in an ABET-accredited engineering or engineering technology program leading to a Bachelor of Science or Engineering degree or any engineering technology program leading to an Associate of Science degree in HVAC&R.
- A cumulative college Grade Point Average of at least 3.0 on a 4.0 scale.
- Applicants must meet all applicable criteria.
- Letter of recommendation and evaluation form from three references, including a faculty advisor or professor
- Potential service to the HVAC&R profession
- Need for financial assistance
- Leadership ability
- Character
- Re-applications are accepted from former scholarship recipients and applicants.
- Scholarships are awarded for the following academic year beginning in the fall semester.

Breaking News: Inmate Escapes Through Jail AC Vent

HEMPSTEAD, Texas— A man charged with murder recently escaped from a suburban Houston jail by climbing through an air-conditioning vent, authorities said. The vent was less than a foot wide, and authorities said the inmate had been losing weight since arriving at the Waller County Jail in the spring. The 6 ft (1.8 m), 160 lb (73 kg) man was caught a few days later swimming in a motel pool.

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Table Top Display Reservations

By Frank Bann, P.Eng.

What better way to display your new/existing product line or share a great idea than to have a table top at our local Chapter meeting. You're guaranteed exposure to 60-80 attendees in this industry at Chapter meetings. Book you table top today!

Table tops for the 2008 OVC ASHRAE Chapter meetings:

Sept. 16th 08 no table top
Oct. 21st 08
Nov. 18th 08
Jan. 20th 09
Feb. 17th 09
Mar. 17th 09
Apr. 21st 09
May 19th 09

Cost for table tops this year is \$200 paid to "ASHRAE Ottawa Valley Chapter"

Send to:

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Attn: Frank Bann

Invoices will be sent out prior to the meeting.

Contact: Frank Bann @ fbann@gwal.com or Tel: (613) 727-5111 Fax: (613) 727-5115

Spaces are filling up quickly, so book today!

The ASHRAE OVC Chapter and its board thank you for your continued support. Getting involved builds a better Chapter.

FRANK JEFFERIES, P.ENG.
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Stéphan Riffault, P.Eng.
Sales Engineer
sriffault@regulvar.com



News Update

By Robert Lefebvre
P.Eng., LEED AP
OVC Past President

Technical News:

ASHRAE Publishes New Guidance on Commissioning Process

July 28, 2008

ATLANTA – Specific tasks to successfully implement the commissioning process for HVAC&R systems and assemblies are featured in a new guideline from ASHRAE. ASHRAE Guideline 1.1, *HVAC&R Technical Requirements for the Commissioning Process*, describes the technical requirements for the application of the commissioning process described in ASHRAE Guideline 0-2005 that will verify that the HVAC&R systems achieve the owner’s project requirements.

“The quality-oriented process outlined in the guideline provides improved quality and greater cost effectiveness compared to commissioning as currently practiced by many commissioning providers,” Walter Grondzik, secretary of the committee that wrote the guideline, said. “One problem with the current practice is that 100 percent checking is performed during the construction phase of the project delivery process, and this checking usually focuses on limited or targeted systems. Quality-based sampling is not used, and so the current approach has limited quality-based random inspection procedures.”

The guideline contains more than 100 pages of annexes, providing concrete examples of forms and documents to assist the commissioning team and owners in their efforts to deliver quality buildings that meet the owner’s project requirements. Twenty-five sample checklists, covering pre-design, design and construction, are included along with a sample owner’s project requirements verification test procedure.

Why should you use the commissioning process? Commissioning a building (and systems within a building) helps ensure that:

- The owner’s project requirements are complete, feasible and well-documented;
- The design team’s solutions adequately address the owner’s requirements;
- Construction is complete and of appropriate quality;
- The owner receives the training and project documentation to successfully operate the project;
- The many players in the project acquisition process can cooperate for the common good.

John Lowery, PEng.
Senior Territory Manager



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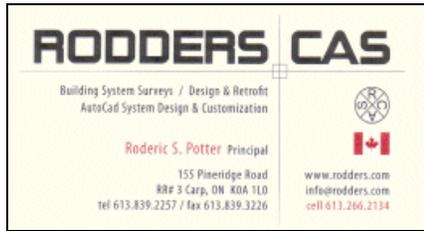


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Sustainability News:

Solving Billions of Pounds of Lunch-time Trash

August 20, 2008

SAN FRANCISCO - Some of us remember the days of taking our lunches to school in lunchboxes with thermoses and waxed paper keeping our lunches fresh and protected. The only waste was the biodegradable waxed paper.

Through the years though, like most other products, disposable became the norm. As most of us now fully understand, 'disposable' is not sustainable. Take a look at some of these facts and figures about our kids' lunches. They're staggering. We think you'll agree it doesn't take much imagination to see how, as parents of young children, we're contributing to garbage landfills, pollutants and sending the wrong message to our children.

- Children's lunches create 3.5 billion pounds of trash each year.
- 18,760 pounds of trash is generated annually from one average sized elementary school.
- The average child generates 67 pounds of lunchtime trash per year.
- 80% of the 25 billion single serving plastic water bottles Americans use each year end up in landfills.
- It takes one entire tree, growing at least 15 years to produce just 700 brown paper bags.

Two women, Lynn Julian and Chance Claxton, saw a big need that required immediate attention. With the premise that any business they undertook had to help the environment in some way, they were compelled to avoid contributing to garbage landfills and pollutants — in effect behaving consciously and sustainably. How could they set an example of conservation for their children and empower them to be the examples of change for the future?

Focusing on how school lunches create so much waste, much of which is not recycled, opened their eyes and became the incentive that propelled them to create the Kids Konserve lunch kit.

Calculating the amount of trash being produced each day at their own schools during the lunch hour, multiplied by the number of schools in their districts shocked them enough to begin more research into reusable products for waste free lunch kits that will dramatically cut down on Earth's ever growing garbage pile, while using materials that are as food safe and eco-friendly as possible.

They designed the Kids Konserve lunch kit carefully and purposefully so that everything in the kit can be re-used daily — lunch after lunch. The kits are convenient, stylish, easy to wash and safe.

The reusable waste-free lunch kit is comprised of two stainless steel round food containers, a stainless steel beverage bottle, a Food Kozy for wrapping sandwiches, snacks, fruit or special treats, and a cloth napkin — all delivered in a recycled cotton sack.

The Food Kozy was developed to be a reusable alternative to plastic baggies. It's made from the safest, non-leaching PE (polyethylene) plastic available on the market. Its FDA approved, non-toxic. There is no Bisphenol-A (BPA) and labeled [#1 plastic](#). It is easily washed with warm soapy water. You can use a minimum amount of plastic baggies and plastic wrap, saving some bucks, by incorporating this hand washable food kozy for all your food wrapping needs.

(cont...)



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Maurice Lachance
President

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Michael McNamee, P. Eng.
Eastern Sales Manager Ext. 27
michael.mcnamee@methot.ca

Tel.: (905) 850-3037
Fax: (905) 850-8012
Tel.: 1-800-638-4682
Cell: (416) 986-7822

QUEBEC 1060, boul. Michèle-Bohec, Suite 101
Blainville, Québec J7C 5E2

ONTARIO 2, Director Court, Suite 107
Woodbridge, Ontario L4L 3Z5

Kids Konserve lunch kit uses stainless steel food containers and bottles, which are the safer alternative to plastic or aluminum bottles and food containers. Their stainless steel is premium food grade, non-leaching and the safest, bacteria free material to put any type of food or drink in. Stainless is very easy to recycle and put to good use again, but above all its durable and won't need replacement almost ever, saving you money while keeping the throw-aways out of the environment!

Rounding out this eco-friendly kit are cotton cloth napkins, which were around long before tree consuming paper napkins, and a recycled cotton sack containing the entire kit that fits nicely into children's' backpacks — or you can use the kit in your own lunch box. Currently in development are eco-friendly, water proof lunch sacks.

Launch of the Kids Konserve reusable, waste-free lunch kit is the first step to educate and outreach to our youngest citizens in school as well as to the greater public. We can all choose to reuse with products made from eco-friendly materials and make a difference.

Want more info or want to purchase some for your kids? www.kidskonserve.com. This kit is a great way to start a program in your kids school for a waste-free lunch program.

This article is based on a news release from GreenSage.com.

Committee
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by Rod Lancefield

You can support your chapter and promote your business by placing your business card in the Capital Communiqué. It will also appear on the Chapter website.

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