Specifier

Series 39, Edition 1, September 2011

Content Co-ordinator: Steve loannides 905-420-5542

2011

September 13 Union Station Revitalization Project

October 4 Ontario Painting Contractors Association

November (TBA) ULC Plant Tour

December 6 CSC/Glass Associations Joint Meeting

2012

January 10 Wind Uplift Resistance

February 7 Economic Outlook

March 5 No Frills Trade Show

April 3 Rheinzink America

May 1 Retaining Walls/ACM

August Annual Golf Tournament

Editor: Lori Brooks 905-752-5536

CSC (Construction Specifications Canada) is a non-profit association committed to the ongoing development and delivery of quality education programs, publications and services for the betterment of the construction community.

MEETING NOTICE

| date: | Tuesday, Sept 13, 2011 |
|-----------|--|
| topic: | UNION STATION REVITALISATION This presentation qualifies for self-directed OAA credits. (See page 7 for more details.) |
| location: | Toronto Skating Curling and Cricket Club 141 Wilson Ave., Toronto (1 block east of Avenue Rd.) |
| time: | 17:15 Cocktails 18:00 Dinner 19:00 Presentation |
| cost: | \$40 members \$50 non-members \$55 at the door \$200 for booklet of six dinner tickets (members only) |
| reserve: | Please make your reservation with Donna Fournier of the CSC Toronto Chapter Office at 1-888-494-9350 |
| info: | Chris Hunter, CTR, RRO 416-930-8766 |

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The Specifier – New Look, Same Great Content

It seems so very recently that I was writing about how much I looked forward to the 2011/2012 season of the Toronto Chapter of CSC and now, suddenly,



Steve Gusterson Chair

it's arrived! Well, I'm still enthusiastic about what we have in store for the membership and delighted to be working with the diverse team that makes up your Toronto Chapter executive. This year's lineup of dinner meeting topics is a very impressive mix of technical and general information subjects and I congratulate

the Program Committee for their proactive work in ensuring there is something for everybody! This year we also welcome back members of the Ontario Glass & Metal Association and the Architectural Glass & Metal Contractors Association for what is quickly becoming a regular, bi-annual event. Held in December and always very well attended, I'm certainly looking forward to another entertaining evening. What was the name of that cat again?

In this edition of the Specifier, a number of my colleagues make mention of the new executive team and lament the loss of Roger Ali and Catherine Waterson from the executive, so I will just add that their presence will truly be missed.

I trust you've noticed the brand new look of The Specifier. Thanks to the hard work and dedication of our Media Committee (Steve Ioannides, Chair; Lori Brooks, Editor; Mark Clemmensen, Website Editor) over the summer, the Specifier has a brand new look. Lori brings her creativity, style and professional editing abilities to us and we're delighted to have her as part of the team.

A sincere note of gratitude is extended to Jim Tobros, FCSC and the staff at the Printing Mill who have, for many long years, produced the Specifier for the Toronto Chapter. Jim has provided his guidance, professionalism and sage advice to many a newsletter editor over the decades and continues to offer his valuable experience to the present executive.

This season, we will continue to offer the membership valuable technical information, light-hearted banter and perhaps a few rants. Lori welcomes letters to the editor and my mailbox is always open so, please, as I've said many times in the past, do make your thoughts known (contact information can be found on the last page of this issue).



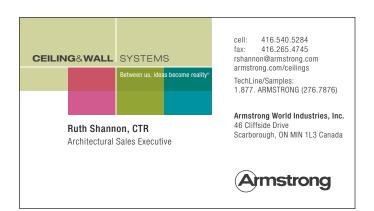
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CONGRATULATIONS!



Bruce Gillham CSC President

CSC Toronto chapter proudly recognizes one of its own, Bruce Gillham, CTR, CCCA, as CSC President for the 2011/2012 year.

Bruce can be reached at (905) 751-1023 or via e-mail at bjgillham@armstrong.com.

WE WISH YOU ALL THE BEST, BRUCE



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Strong Year Ahead for Chapter

Welcome everyone to the beginning of another great CSC year. September is quickly approaching and with the nice weather that we have enjoyed this summer, I'm hoping that come fall season, we are rested and ready to kick off another strong year for the Toronto Chapter.



Mark Clemmensen Second Vice-Chair

Unlike the past few years, this year's Executive Committee has seen some shuffling of committee members and has also brought some new faces to the table. With a new Director, Past-Chair, Chair and Treasurer, the executive demonstrates that we can face new challenges and share new ideas without jeopardizing the vision that the executive has been working towards the past few years. With addition comes subtraction, and this year we have seen two great colleagues step down from the committee to spend more time with family and focus on their carriers. Roger Ali and Catherine Waterson will be missed around the executive table. I would personally like to thank them both, as they have not only been great committee members to work with, but also mentors of mine through my journey through CSC. I know that I don't just speak for myself when I say that I hope to see you back on the executive soon.

To conclude my first article as the Second Vice-Chair, I would like to say that I'm thrilled with the progress that the Chapter has made in the past few years and with Steve Gusterson, Russ Snow and Steve LeBlanc at the helm, I believe that the next few years will only build on the foundation that has been laid by Catherine Waterson and Isabelle Champagne as the Chapter's previous two Chairs.

Conference 2011 Awards Recipients



Isabelle Champagne Past Chair

A t the 2011 CSC Conference held in Montreal this past May, a number of Toronto Chapter members were recognized for their valued contributions.

Toronto Chapter Award of Merit

Every year, each chapter submits candidates to the

Association for the Chapter Award of Merit. Listed below are this year's Toronto Chapter recipients.

Emily Chau – Professional Development Officer: As one of the Toronto Chapter's newest members, Emily took charge of a critical and challenging portfolio with enthusiasm and zeal. She organized large classes for both PCD and CCCA courses and learned very quickly



how to field registration questions, fulfill course documentation requirements and promote all-round general harmony. Emily's professional demeanour and calm disposition are just some

Emily Chau receives the Chapter Award of Merit from Vice-President Mike Garlinski.

of the qualities that make the teaching and learning process seamless and enjoyable. Emily is a tremendous asset to the Toronto Chapter executive team.

Kaz Kanani – Student Officer; Member of the Toronto Chapter Golf Tournament Committee: Kaz is no

stranger to this award, having received similar accolades last year. He is deeply involved in so many aspects of the Toronto Chapter and has consistently shown his passion for the present and future of CSC. Kaz was instrumental in redeveloping electronic communications to our membership and worked very hard to ensure our members remain connected. He promoted new technologies and marketing opportunities and made suggestions to

help our Chapter work in a more efficient and costeffective manner. All of this was on top of his regular duties as Student Officer, where Kaz continued to work exceptionally hard promoting CSC



Vice-President Mike Garlinski congratulates Kaz Kanani on his Chapter Award of Merit.

to colleges and universities in the Greater Toronto Area. Kaz is fine example of the new generation infusing energy and talent into our Chapter.

Mark Clemmensen, RSW – Media Committee Website Officer; Member of the No Frills Trade Show Committee: Another repeat recipient of this award, Mark worked tirelessly to make the transition from the old Toronto Chapter website to the new CSC website a great success. Juggling documents, program information, event news and establishing a new secure online payment system, Mark ensured the membership was never



Mark Clemmensen, with Vice-President Mike Garlinski, received a Chapter Award of Merit and his RSW designation during the awards ceremony.

While Mark is also one of the younger members of the Toronto executive, there is no doubt he will find himself in a leadership role within CSC.

www.csctoronto.ca

ing a family and

working towards

and obtaining his

RSW designation.

This year's Chapter Awards of Merit are a reflection of how the younger generation is creating positive change from within. They are our bright future!

2011 Longevity Awards Recipients

During the conference, there were many Toronto Chapter members who received longevity awards. These members have been a valuable part of CSC for up to 50 years and we are proud to publish their names here. Please join me in congratulating our members.

50 Years – Donald Ivkoff, RSW

35 Years – B.A. Weber, RSW; Walter E. Egli, RSW; and Larry Stutt, FCSC, CTR

30 Years - Lennis Trotter

25 Years – Sandro Ubaldino, FCSC, RSW; Matthew E. Roberts, RSW; Alain Belanger and Oscar Farinas, RSW



Toronto Chapter members Sandro Ubaldino and Matt Roberts receive their 25-year longevity awards from Vice-President Mike Garlinski.

20 Years – Ralph Jamieson; Timothy Lee, RSW; Bradley A. McGill; Mark P. Ondejko and Renato L. Veerasammy

15 Years — Peter Barrett; Dragan Djurickovic; Les Shannon and David Thomas

10 Years – David W. Bailey; Peter C. Bowden, CTR; Dennis Bryan; Franco Arpino; Terry Fish; Neil Cairns; Shawn R. Doiron; Mark L. Coulson; Steve Gusterson, CTR; Ted Katsoris, CCCA; Neil Lougheed; Ian Morton; Wendy O'Brien; Patricia Paz-Soldan, CCCA; Rajiv Rattan, CCCA; Wayne Peterson; Tony Santoro; Vijay P. Singh; Michael Spyridis; Davor Stefan; and David Stubbs

Program Director's Awards

Steve LeBlanc, CTR received an Education Certification Committee Director's Award for his efforts on the TR on-line course. As one of the instructors for the beta test group, Steve's feedback was a valuable resource for improving the course's content and delivery, and helped ensure a smooth transition for future course offerings.

The Marketing Committee Program Director's Award was presented to Lori Brooks.

The Toronto Chapter also received the **President's Chapter Award**.

Professional Designations

During the conference, five Toronto Chapter members received professional designations:

Whitney Coupland received her CTR designation certificate;

Russell Snow, CTR received his CSP designation certificate;

Mark Clemmensen received his RSW designation certificate; and

Sydney Henriques and Robert Hartogsveld, received their CCCA designation certificates.

We should all be very proud of our Toronto Chapter members. They are loyal and they have passion.

As Past Chair, I invite you to congratulate your colleagues and friends as you



President Bruce Gillham presents Russ Snow with his CSP designation certificate. Russ is the first CSC member to attain this designation.

meet them during the summer/fall season. Be sure to join us at our dinner meetings. On a final note, all the names of the award and designation recipients have been posted on our website.

Welcome Back

Good day to all and welcome back for the 2011/2012 term for the CSC Toronto Chapter.

I am extremely pleased and eager to represent the Toronto Chapter membership as the Director to the Executive Council. If there is anything you would like to discuss with me regarding



Steve LeBlanc Toronto Chapter Director

CSC, please do not hesitate to contact me (my contact information is on the last page of this issue).

Rest assured that our Chapter Chair, Steve Gusterson, has already begun cracking the whip, pushing your executive to execute our responsibilities to our membership. Under his strong guidance, with help from Vice-Chair Russell Snow, we will strive to do our best to make this term a memorable and rewarding experience for all.

As I write this article, our sold-out annual golf tournament is two weeks away, and I am certain it will be a wonderful day for all involved. I have been practicing hard, so I will be ready to assist my team (at least once in the 18 holes), and I am certain we will win. (Ahhh... forever the optimist.)

Last, but certainly not least, we say "so long" to two of our long-standing executive members, Catherine Waterson and Roger Ali.

Catherine's leadership, commitment and strong values will remain with our executive through others that were fortunate enough to collaborate with her during her time on the executive.

Roger's never-ending commitment to ensure the Toronto Chapter's finances remain strong and the future secure will be of benefit to our chapter in the coming years. Roger met his tasks with resolve and inspiration during his lengthy tenure on the executive.

I am certain I speak for all of your friends on the executive and within the membership... thank you and we wish you well in your future endeavours.



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Sept 13, 2011 Dinner Meeting

UNION STATION REVITALIZATION PROJECT

Union Station is Toronto's primary multi-modal transportation hub, accommodating operations for inter-city train service, commuter rail service and making connections to the adjacent inner-city subway system. The station currently accommodates over 65 million passengers per year, which is planned to increase to 100 million passengers annually over the next 15 years as commuter rail operations are expanded.

The City of Toronto engaged NORR Architects Engineers and Planners in 2007 as prime consultant responsible for architecture, structural, mechanical and electrical engineering for the Union Station Revitalization Project, a \$480-million investment in this key Toronto landmark. The principal objectives of the project are to enhance the quality and capacity of the transportation functions, rehabilitate the ageing infrastructure, increase revenue generation within the station and restore the heritage fabric of this National Historic Site.



Bruce Hudson Program Committee Officer

SPEAKER: Paul Noskiewicz, B.Arch Project Director, NORR Architects, Engineers and Planners

Paul Noskiewicz is Project Director with NORR and has been leading the Union Station Revitalization Project project since its inception in 2007. Paul's presentation will touch on the history of the station, the history of the current Revitalization Project and provide an overview of the significant changes that are currently under construction with plans for completion in 2016.



Chris Hunter Program Committee Officer



Program Director's award winners: Steve LeBlanc is recognized by President Bruce Gillham for his work on the education certification committee, while Lori Brooks' efforts on the marketing committee are acknowledged by Vice-President Mike Garlinski.

September 2011

Dinner meeting sponsorships available

Get great exposure to the people that matter in our industry.

Become a dinner meeting sponsor for only \$195, which includes a table-top display prior to dinner, one free dinner ticket and a onepage marketing insert included in that month's *Specifier*.

We still have plenty of openings for door prize sponsors — all you have to do is donate a draw prize.

Contact Kaz Kanani by email at kazim.kanani@bharchitects.com to arrange your sponsorship.

As always, we would like to thank all of our dinner and door prize sponsors for their continued support.

2011-2012 Dinner Meeting Sponsors

| Date | Sponsor | Sponsor | Sponsor |
|----------------|---------------|-------------------|-----------|
| September 2011 | Flextile Ltd. | available | available |
| October 2011 | available | available | available |
| December 2011 | Alumicor Ltd. | ASI Watrous, Inc. | available |
| January 2012 | available | available | available |
| February 2012 | available | available | available |
| April 2012 | available | available | available |
| May 2012 | available | available | available |

2011-2012 Door Prize Sponsors

| Date | Sponsor | Sponsor |
|----------------|-------------------------------|---------------|
| September 2011 | Reed Construction Data | available |
| October 2011 | Reed Construction Data | Alumicor Ltd. |
| December 2011 | Reed Construction Data | available |
| January 2012 | Reed Construction Data | available |
| February 2012 | Reed Construction Data | available |
| April 2012 | Reed Construction Data | available |
| May 2012 | Reed Construction Data | available |



Isabelle Champagne, CTR District Manager

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September 2011

Fall Course Line-up



Emily Chau Professional Development Officer

Summer's coming to an end and we are preparing for our fall course lineup. Enrollment for our very successful fall education program is now available.

This September, we will be offering the Principles of Construction Documentation (PCD) course, Technical Representative (TR) course and our NEW Speci-

fier 2 course. These courses will be presented provided they have full enrollment.

Principles of Construction Documentation

The Principles of Construction Documentation (PCD) course is a prerequisite to all CSC intermediate-level courses. Successful completion of the PCD course is mandatory to achieve the Certified Technical Representative (CTR), Construction Contract Administrator (CCA) and Certified Specification Practitioner (CSP) designations, and can be credited towards the specification writing experience required to obtain the Registered Specification Writer (RSW) designation.

This course will be held at Fairview Public Library starting on Wednesday, September 14, 2011, and will run for 13 weeks.

Technical Representative

The Technical Representative (TR) course will provide a better understanding of contract documents and bidding procedures, product representation, professionalism and ethics, and will provide a new depth of understanding and explanation of concepts beyond what was previously introduced in the PCD course.

The course is designed for the individual involved in the supply section of the construction industry, such as manufacturer representatives, agents or distributors of products. The student must have successfully completed the PCD course.

This course will be held at 120 Carlton Street, Toronto starting on Monday, September 12, 2011, and will run for 14 weeks.

Specifier 2

The Specifier 2 course is an intermediate-level course that will take the individual beyond the concepts previously introduced in the PCD course. This course provides an in-depth look at the project manual, its parts and usage, and addresses some of the latest information and trends in construction used today. The course is designed for those wanting to know more about the preparation and processes needed to produce quality documents.

This course will be held at Northern District Public Library starting on Monday, September 12, 2011, and will run for 13 weeks.

Note: The Specifier 2 course was developed in conjunction with the Specifier 1 course. Specifier 1 and Specifier 2 can be taken in any order. Students must have completed the PCD course to take Specifier 1 or Specifier 2.

Registration Information

Course details, including location, costs and schedule of dates and times can be found on pages 20-21. Visit http://toronto.csc-dcc.ca/Education/ Education+in+Toronto for more information or to register. Register early to avoid disappointment.

Please remember that registration and payment must be received prior to the issuance of a text book. Any cancellations must be in writing. Cancellations one week prior to the start of the course will be refunded up to 50 per cent of the registration fee. Cancellations after the start of the course will not be refunded.

If you have any questions about the courses listed above, please contact Emily Chau, Professional Development Officer at 416-499-3181, ext 1155 or via email at echau@morrisonhershfield.com.

Welcome New CSC Members

lease welcome the following new members to the CSC Toronto Chapter:



David Angelis – **IVY North** Corporation

David Aquilina -MMM Group

Mark Bowyer -Alumicor Ltd.

Stacey Bogdonaw Membership Officer

Dan Crnojevic -Smithwood Construction Group Inc.

Andrew Dolphin – Trulite Industries

- Shawndell Gibson C/S Construction **Specialties Company**
- Tyler Simpson Owens Corning Canada
- Pawanjyot Singh Construction Specialties Itd.
- Michele Smith Potentia Solar Inc.

Darren Whitters - Sto Corp.

We also wish to say "welcome back" to members who have rejoined:

Brian Abbey – Adtek **Building Consultants**

Michael Hillcoat -Halcrow Yolles

Grant Hilton – CGC Inc.

- Gary Jepson Vintage Brick Ltd.
- Davor Sefan Pennkote Limited.

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Dinshaw Kanga

Membership Officer



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Subcommittee welcomes new members

The CSC Toronto Chapter Student Liaison Subcommittee (SLS) extends a warm welcome-back to everyone as we begin operating year 2011/2012.

A few years ago, the Toronto Chapter Executive Committee created the SLS, whose main task was to promote the importance



Peter Wong Student Officer

of specifications to post-secondary students in programs related to the construction industry. The Executive Committee recognizes post-secondary students as an important part to our Chapter's future. This year, we will do the best to fulfill that mandate and we plan to continue and build on the good work that had been done by previous SLSs.

I want to welcome Stephanie Fargas and Milenko Varjacic to the SLS. Stephanie and Milenko are recent graduates and are willing to contribute their time and effort, and perhaps to share their learning experience with other students. We appreciate their participation. I have forgotten my campus life — after all, it was close



New student liaison subcommittee members Milenko Varjacic and Stephanie Fargas.

to 40 years ago when I received my post-secondary education. Like most middle-aged persons, I have my senior's moments. We need the younger gen-

eration to partner with us in the Chapter subcommittees so that continuity is ensured.

Website Updates

If there is one thing that does not receive a summer vacation, it's the Toronto Chapter website. On the contrary, the summer months allows for a complete overhaul of the website, resetting chapter

events, updating and posting new Chapter sponsorship opportunities and posting Chapter education course registration information.

Karelo.com has done a fantastic job at providing online payment registrations for each and every event that the Chap-



Mark Clemmensen Website Editor

ter holds, and we have even taken advantage of the opportunity to make available dinner meeting booklets (at \$200 for a booklet of six tickets) through Karelo.com, as well.

Please review the Chapter website for the following updates that have taken place since June 1:

- Upcoming events page was revised to show all dinner meeting dates for the 2011/2012 Chapter year;
- Chapter golf registration was removed because it reached capacity;
- Fall course and registration information for Principles of Construction Documentation (PCD), Specifier 2 and Technical Representative (TR) courses were added;
- The Chapter Executive Committee was revised to show the 2011/2012 slate of officers;
- 2011/2012 Chapter sponsorship registration information was added; and
- Awards received by Toronto Chapter members during the 2011 CSC Conference in Montreal were added.

Editor's Message

Loop you're enjoying reading the September 2011 edition of *The Toronto Specifier*. It's been a labour of love creating this edition, my first, from scratch. I welcome your feedback, good and bad. Drop me a note at lori.brooks@reedbusiness.com.



Lori Brooks Newsletter Editor

The Media Committee is always looking for suitable articles for our newsletter and website. We ask that you submit industryrelevant, non-proprietary articles of interest to Steve Ioannides, Content Co-ordinator. He can be reached at

steve@asiwatrous.com. See the article on "Clarification on VOCs" on page 18 as an example of the type of technical information that is of interest to our members.

The Specifier is a great place to promote your product or service to the industry. There's still time to sign up for business card advertising. Contact Steve Ioannides or Donna Fournier to ensure your business card ad isn't missed for the October issue. More information can be found on page 19.

It's also not too late to purchase a sponsorship package for the 2011/2012 year. These packages give your company maximum exposure to hundreds of industry movers and shakers, as well as offering excellent value. For more information on the different levels of sponsorship opportunities, see page 22.

Another excellent opportunity to promote your company is by signing up to be a dinner meeting or door prize sponsor. Available openings can be found in the listing on page 8.

Finally, I'd like to thank Mary Kikic, Reed Construction Data's design guru, for her invaluable advice and assistance in redesigning The Specifier.





JON A. GRAVELL

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What is Interior Design?



Susan Tienhaara Interior Design Officer

Interior design is about more than just aesthetics. It's about finding creative design solutions for interior environments, while supporting the health, safety and well-being of occupants and enhancing their quality of life.

Following a systematic and co-ordinated meth-

odology, including research, analysis and integration of knowledge into the creative process, interior design is a multi-faceted profession whereby the needs and resources of the client are satisfied to create an interior space that fulfills the project goals.

Qualified through a rigorous process of education, experience and examination, Interior Designers of Canada (IDC) members are skilled at assisting clients in realizing their goals, creating built environments that are both functional and aesthetically attractive. In addition, all IDC members are required to:

- Carry liability insurance.
- Participate in ongoing regular professional development.
- Uphold a professional code of ethics and standards of practice.

The Importance of Good Design in the Workplace

It's all about employee retention, productivity and sustainability.

The truth is, most of us spend the better part of our waking life in our work environments. The spaces in which we work must support our well-being and productivity. Good design in the workplace can transform a stiff, boring office into a functional and attractive space that effectively addresses the needs of employees, as well as clients. The planning of a workplace should be developed with occupants in mind. Commonly requested design elements include access to daylight, exterior views and open design concepts encouraging collaboration, as well as multi-purpose meeting areas able to adapt to multiple situations. A well-designed workplace can help make the most of available space, improve employee retention and ultimately impact a business' bottom line.

When renovating, relocating, evaluating or establishing a new facility, working with an interior designer is one of the best investments a business owner can make. Their number one priority for designers will be to ensure your space meets your business needs, while ensuring that their design complies with all regulatory and legal requirements, protecting the life, health, safety and welfare of occupants.

ARIDO Awards and Innovation Awards Gala

This year, the ARIDO Awards gala will be held on the eve of IIDEX — Wednesday, September 21, 2011 — as a perfect way to kick-off Canada's largest interior design tradeshow. Celebrating the best in interior and product design, the ARIDO Awards gala will host more than 700 design, media and industry guests at the iconic Liberty Grand in Toronto, and once again set itself apart as the signature event for the interior design community.

Don't miss out! Join us as we recognize excellence at the 2011 ARIDO Awards and IIDEX/NeoCon Canada Innovation Awards.

take the spotlight

YOUR BUSINESS CARD GOES HERE!

Reserve your ad space in *The Toronto Specifier* for the 2011/2012 season.

See page 19 for more details.

Fred Clarke Remembered

On August 18, over 150 golfers and hackers (like myself) sliced, diced and bludgeoned their way through 18 scenic holes at the Richmond Hill Golf and Country Club (RHGCC). This was a brand-new



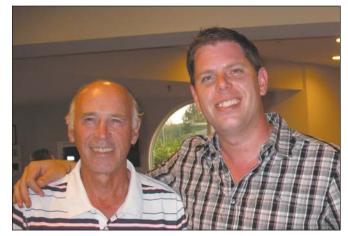
venue for us, having traditionally held the summer golf tournament at Deer Creek in Ajax, but what a refreshing change. While not as long as Deer Creek, RHGCC was a little more challenging, with many holes requiring a straight tee shot of greater than 50 yards.

Steve Gusterson Chair

Fortunately for me, I was with a group that could carry me along to a respectable scramble group finish of 3 under. Not even contending, of course, with the low-score winners who dialled in a remarkable -12. The weather, first threatening, turned hot and sunny and I received many positive comments on the event. Many thanks and congratulations are extended to the golf committee for their hard work in pulling off something a little out of the usual.

Most importantly, I'd like to thank you, the membership, for digging deep into your wallets and contributing to the fundraising event held in memory of Fred Clarke, FCSC, long-time member and promoter of CSC. As many of you know, Fred passed away in January after a long battle with Guillain-Barré Syndrome (GBS). Although Fred was not there with us, Fred's son Brandon and brother David joined us on the links, while CSC President Bruce Gillham and Toronto chapter secretary Donna Fournier manned a "between holes" ticket-drive tent on the course, selling raffle tickets for a 40" flat-screen television generously donated by Trulite Industries. I was honoured to be able to present a cheque on behalf of the Toronto chapter membership to GBS Foundation representative, Dave Price, in the amount of \$2010.

For a good cause... in Fred's memory



Fred Clarke's brother David and son Brandon were in attendance as guests of Thames Valley Brick & Tile.



Toronto Chapter Chair Steve Gusterson presents a fundraising cheque for \$2010 to Dave Price of the GBS Foundation.



Raffle winner Luciano Lorio poses next to his prize, a 40" flat-screen television donated by Trulite Industries, as Kaz Kanani looks on.

Scenes from the Richmond Hill Golf and Country Club

The Richmond Hill Golf and Country Club hosted the 24th Annual Toronto Chapter Golf Tournament on August 18. The day was a great success, with over 160 golfers in attendance.



The team of Michael Fallon, Mike Kriesel, Charles Bosworth and David Demaria collect their prize for the lowest score (-12).



The only all-female foursome: Nancy McPherson, Mirella Kozokarou, Anna Kowalczyk and Beverly Johnstone enjoy the day.



CSC President Bruce Gillham helped out by collecting money on the Fred Clarke charity hole.



Toronto Chapter Director Steve LeBlanc poses with CSC Secretary-Treasurer Sandro Ubaldino and the Blue Jays tickets he won.



Master of Ceremonies Bruce Hudson confers with golf committee members Steve LeBlanc and Kaz Kanani.



John Dyk proudly shows off his haul from the prize table. Katherine Spavins seems equally pleased with her winnings.

September 2011

Hamilton/Niagara Chapter Events

Meeting Notice – Luncheon Presentation

| date: | Thursday, September 15, 2011 |
|------------------------|---|
| topic: | ONTARIO SOLAR PV SYSTEMS IN ROOFING |
| where: | Royal Canadian Legion, 828 Legion Road, Burlington, ON |
| time: | Registration: 11:30 AM Literature/product tables: Before lunch and after the presentation. Lunch: 12:00 Noon Presentation: 12:45 PM A networking opportunity for manufacturers awnd suppliers. Literature /product tables are available at \$50.00 each, book with Terry. |
| cost: | \$25.00 per person, payable at the door. Receipts on arrival, ATM on site. (make cheques payable to CSC Hamilton/Niagara Chapter). |
| target audience: | Architects, engineers, specification writers, building code professionals, owners, property managers, contractors, sub- contractors. Qualifies for OAA self-directed learning points. |
| overview/ examples: | Solar basics and technology; FIT and MicroFIT process; review actual installations (large commercial rooftop, mid-size institutional rooftop, residential MicroFIT); monitoring and performance; typical costs and payback; issues and barriers |
| seminar presenter: | Marjan Stosic, P.Eng., B.Sc.Eng., M.Sc. (Management) Marjan brings over 30 years of experience in business startups and consulting to working for some of the world's leading corporations, i.e., GM Canada, Du Pont Canada and Ford Canada. He is the founder and President of QPA Solar Inc., a solar engineering and project development company. Triggered by the Green Energy Act of Ontario and built upon a successful engineering and consulting practice; QPA Solar initiates projects, designs and engineers the complete PV system and places the project into commercial operation. QPA Solar is active in residential, commercial and industrial projects. |
| to reserve: | Contact Terry Johnson, FCSC via email at tjohnson32@cogeco.ca (preferred) or (905) 220-5366 (cell) |

The Greater Hamilton-Burlington Society of Architects & CSC Hamilton/Niagara Chapter

invite you to attend their

Charity Golf Tournament

All proceeds to St. Matthew's House in Hamilton

When: Thursday, September 29, 2011

Venue: Carlisle Golf & Country Club, Carlisle, ON (905) 689-8820

Directions: Google Carlisle Golf & Country Club (north of Hamilton, ON)

Who: Singles, doubles or foursomes available – RESERVE YOUR SPOT EARLY

Registration: 11:00 am

First tee off: 11:32 am

Dinner & presentations: 5:00 pm (cash bar)

Cost: \$125.00 per person (includes: game, power cart, door prizes, dinner)

Dinner only: \$30.00 per person

Payment: To be collected at the event. Receipts on arrival, ATM on site. (Cheques payable to CSC Hamilton/ Niagara Chapter).

Format: Individual play.

Dress code in effect: Spikeless course. No metal spikes.

- Space is limited and will be awarded on first-come, first-placed basis.
- Reserve: Contact Terry Johnson, FCSC via email at tjohnson32@cogeco.ca (preferred) or (905) 220-5366 (cell)
- DOOR PRIZES VERY MUCH APPRECIATED. PLEASE CONTACT TERRY.

Faces of the Toronto Chapter at the 2011 CSC Conference



CSC Secretary-Treasurer Sandro Ubaldino addresses the Annual General Meeting as President Bruce Gillham reviews the Annual Report.



Past Chair Isabelle Champagne presents CSC Secretary-Treasurer Sandro Ubaldino with a cheque for \$30,000 on behalf of the Toronto Chapter.



Outgoing President Corinne Golding presents a plaque to incoming President Bruce Gillham.



Isabelle Champagne, Kaz Kanani and Steve LeBlanc were among many who raised issues at the CSC Members' Forum.



Hugh Lim and David Wilson listen intently during a technical session.



Bob Mercer is ready for his Fun Night stint on the trapeze.



Mark and Melissa Clemmensen get reacquainted with Bruce Hudson (centre) at the President's Ball.



Dinshaw Kanga, with wife Armaity, shows off his "bling."



Chris and Andrea Hunter enjoy the President's Reception.



Steve and Karen LeBlanc get ready to hit the dance floor with Lori Brooks and Steve Gusterson at the President's Ball.

Clarification on VOCs

Ten years ago, virtually no one was talking about solvent-free or 100% solids coatings. Today they are a reality. For several months now, there has been much discussion in the market about solventbased coatings and their applications. Here are some facts on the subject for you.

Regulations

Environment Canada, through the *Environmental Protection Act*, has set VOC concentration limits for 53 categories of architectural paints and coatings.

Definition

Environment Canada defines a volatile organic compound (VOC) as a chemical agent which reacts with other atmospheric pollutants and sunlight to form particulate matter and ozone. This combination can create smog in urban centres. Smog is a thick haze which is harmful to people's health.

The Difference between Solvents and VOCs

While it appears obvious that a VOC is a solvent, a solvent is not necessarily a VOC. Please take note of this definition: for a component to be considered a VOC, it must be part of a chemical reaction leading to the formation of particulates or tropospheric ozone. If the compound degrades before reaction, it is not considered a VOC. It is therefore possible to find "non-VOC" coatings on the market even if they contain solvents. Consequently, it is entirely possible to use coatings identified as containing 0 g/L of VOC, even though they possess nauseating or unpleasant odours.

Toxicity

Common wisdom would have you believe that non-VOC products are automatically risk-free. It is again important to stress that the definition of a VOC does not take into account the toxicity of a material. A case in point is that dichloromethane (better known as methylene chloride) is not legally considered a VOC (0 g/L of VOC), but is still regarded as possibly carcinogenic to humans. Please note that this is part of the reason why it is likely to be banned.

Odour

A product's odour has nothing to do with its toxicity. Many people sense that coatings which have a bad or strong smell are dangerous, while those which are odourless or faint-scented are harmless. For example, a two-component polyurethane which contains no solvents (and 0 g/L of VOC) is essentially odourless, but its isocyanate component ("hardener") is greatly toxic and dangerous to the uninformed user.

100% Solids

100% solids products are generally considered to contain little or no solvents. This consideration notwithstanding, the coating is applied in liquid form and 100% of its components remain on the surface during solidification. While a coating identified as containing 100% solids may still be comprised of trace percentages of solvents, it may not be automatically assumed to contain 0 g/L of VOC. Additionally, the notion of 100% solids has nothing to do with the coating's toxicity. These "solid" components of the coating may be as toxic as the solvents used in typical coatings. Every formulation is therefore unique and must be utilized only after full understanding of the potential dangers associated with it.

In conclusion, it is extremely important to read the technical data sheets as well as the health and safety information of any coating product before using it. Forewarned is forearmed!

François Paquette, M.Sc. (Chemistry)

Many thanks to Toronto Chapter member Guillermo Cordero and Soprema for providing this article for publication in The Toronto Specifier.

If you have an industry-relevant, non-proprietary article you'd like to share with our membership, please forward to steve@asiwatrous.com.



CSC Course Descriptions and Registration Information

Principles of Construction Documentation (PCD)

This course is a prerequisite to all CSC courses. Successful completion of the Principles of Construction Documentation (PCD) course is mandatory to achieve the Certified Specification Practitioner (CSP), Certified Technical Representative (CTR) and the Certified Construction Contract Administrator (CCCA) designations. The successful completion of PCD may be credited towards the education component requirements for the Registered Specification Writer (RSW) designation.

This course is designed for individuals involved in the construction industry, who at any point in their career are required to produce, read, supply products for, or rely on the project manual/specification. In other words, it is designed for anyone in construction, whether they work as a designer, consultant, contractor or supplier.

Modules:

- 1. Introduction
- 2. Construction Process: Players and Roles; Owner Expectations; Budget Process; Project Phases; and the Bidding Process
- Production of Construction Documents: The Project Manual; Format Documents; Specifying Methods; Language and Style; Specification Writing, Editing and Co-ordination; and Document Interpretation
- 4. Forms of Contract: Contract Delivery
- 5. Codes and Standards: Codes and Code Content; Standards and Testing Agencies; Zoning By-Laws and Permits; and Environmental issues
- 6. Risk Management Issues: Risk and Liability
- 7. Legal Issues: Legal Issues; and Contract Law and Court Decisions
- 8. Building Science: Basic Building Principles; Product Evaluation and Selection; Sustainability Issues; and Diagnostic Methods, Non-Destructive Testing
- 9. Contract Administration: Authority of the Contract Administrator; Time Management; Submittals, Alternatives and Substitutions; Changes in the Work; The Commissioning

Process; and Performance, Termination and Dispute Resolutions

- 10. Communications: Communications and Projects on the Internet
- 11. Trends in the Construction Industry: The History of Stand

PCD Course Information

Course begins: Wednesday, September 14, 2011 From 6:00 p.m. to 8:30 p.m. and will run for 13 weeks Location: Fairview Public Library 35 Fairview Mall Dr., Room A, 4th Flr., Toronto Cost (includes all course materials and taxes): CSC members: \$500.00 (incl. \$57.52 HST) Non-members: \$550.00 (incl. \$63.27 HST) Sign up before Monday, August 29, 2011.

Specifier 1 and Specifier 2

The Specifier 1 and Specifier 2 courses are designed to take the student beyond the concepts introduced in the Principles of Construction Documentation (PCD) course and enhance their understanding and ability in the preparation of the project manual/specification.

Specifier 1 and Specifier 2 can be taken in any order. Students must have completed the PCD course to take Specifier 1 or Specifier 2.

Specifier 1

There are no sessions currently listed for this course through the Toronto Chapter. Please visit www.cscdcc.ca/education for further information on sessions being offered online.

Specifier 2

The goal of the Specifier 2 course is to help students identify and specify the bidding requirements, as well as the general requirements for construction contracts.

The Specifier 2 course can be credited towards the

CSC Course Descriptions and Registration Information (cont'd)

specification writing experience required to obtain the Registered Specification Writer (RSW) designation and is a prerequisite to obtain the Certified Specification Practitioner (CSP) designation.

Specifier 2 Course Information

Course begins: Monday, September 12, 2011 From 6:00 p.m. to 8:30 p.m. and will run for 13 weeks Location: Northern District Public Library 40 Orchard View Blvd., Rm. 200, Toronto Cost (includes all course materials and taxes): CSC members: \$500.00 (incl. \$57.52 HST) Non-members: \$550.00 (incl. \$63.27 HST) Sign up before Monday, August 29, 2011

Construction Contract Administrator (CCA)

There are no sessions currently listed for this course through the Toronto Chapter. Please visit http://toronto.csc-dcc.ca/Education/Education+in+Toronto for further information on upcoming sessions being offered.

Technical Representative (TR)

The Technical Representative (TR) course will provide a better understanding of contract documents and bidding procedures, product representation, professionalism and ethics, and will provide a new depth of understanding and explanation of concepts beyond what was previously introduced in the PCD course.

The course is designed for the individual involved in the supply section of the construction industry. This includes the manufacturer representative, agent or distributor.

The student must have successfully completed the Principles of Construction Documentation (PCD) course.

This advanced-level course will take the individual beyond the concepts previously introduced in the PCD course. Although some of the same topics are included in this course, the depth of understanding and explanation exceed that of the PCD course. This course is the final step of the education component needed for the Certified Technical Representative (CTR) designation.

Course Outline:

- The Project Manual and Drawings
- The Technical Representative and Consultants
- Construction Product Selection Process
- Materials Selection and Substitutions
- Construction Product Representation
- Effective Technical Assistance
- Information Management and Product Literature
- Product Presentation Techniques
- Contract Liability and Warranties
- Bonds and Insurance
- Material and Product Standards
- Workmanship, Quality, Codes and Standards
- Liens and Liens Legislation
- Contract Administration and Field Services

TR Course Information

Date begins: Monday, September 12, 2011 From 6:00 p.m. to 8:30 p.m. and will run for 14 weeks Location: 120 Carlton St., Toronto Cost (includes all course materials and taxes): CSC members: \$500.00 (incl. \$57.52 HST) Non-members: \$550.00 (incl. \$63.27 HST) Sign up before Monday, August 29, 2011.

If you have any questions about the courses listed above, please contact Emily Chau, Professional Development Officer at 416-499-3181, ext 1155 or via email at echau@morrisonhershfield.com. Visit http://toronto.csc-dcc.ca/Education/Education+in+Toronto/ to register.

CSC TORONTO CHAPTER SPONSORSHIP PACKAGES

Dinner Sponsorship \$195

- One complimentary dinner ticket
- A table top display before and after dinner
- A three minute PowerPoint presentation that will loop throughout dinner
- A one-page electronic advertisement that is included in the previous month's Specifier
- Advanced notification of your display dates in the Specifier *Choice of monthly dinner sponsorship is on a first-come, first-served basis*

Bronze Sponsorship \$400

- One Dinner Sponsorship
- Single Business Card ad placed in the Specifier for 10 issues (one name only/\$50 charge for changing the card during the print run)
 - Cost of package if purchased individually: \$515

Silver Sponsorship \$650

- One Dinner Sponsorship
- Double Business Card ad placed in the Specifier for 10 issues (three names maximum on business card/\$50 charge for changing the card during the print run)
- Company name and logo posted on CSC Toronto Chapter website (July to June) *Cost of package if purchased individually:* \$745

Gold Sponsorship \$1,450

- Bronze Sponsorship Benefits, as well as the following:
- Registration for CSC No Frills Trade Show (aisle table)
- Two tickets to CSC Social Event (Curling Bonspiel or Fun Night)
- Website Package, which includes: Company name and/or logo recognition on the Toronto Chapter website
- Hot link to your home page, or page link provided to us
- Will run for 12 months (July to June) Cost of package if purchased individually: \$1,920

Platinum Sponsorship \$2,050

- Bronze Sponsorship Benefits, as well as the following:
- Registration for CSC No Frills Trade Show (Wall Table, no electricity)
- Website Package, which includes: Company name and/or logo recognition on the Toronto Chapter website
- Hot link to their home page, or page link provided to us
- Will run for 12 months (July to June)
- Golf Day Package (includes four tickets for golf and dinner) *Cost of package if purchased individually:* \$2,615

Diamond Sponsorship \$2,830

- Platinum Sponsorship Benefits, as well as the following:
- Upgrade to Wall Table with electricity at CSC No Frills Trade Show
- CSC No Frills Luncheon Table (eight tickets)
- CSC No Frills Luncheon Wine Sponsorship
- Plaque presented to sponsor at upcoming dinner meeting recognizing Diamond Sponsorship. *Cost of package if purchased individually:* \$3,690

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| CSC TORONTO CHAPTER – ANNUAL SPONSORSHIP APPLICATION | | | | |
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