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Thank You to Our Sponsors

The Canadian Healthcare Engineering Society and the 2002 Organizing Committee gratefully acknowledge the generous contributions and financial support from the following companies:

SILVER

SIEMENS

BRONZE

Indus International Canada
## Program Overview

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<td>11:45-13:00</td>
<td>Lunch in the Trade Show Hall</td>
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<td>18:30</td>
<td>President’s Reception</td>
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<td>Anne of Green Gables</td>
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Social Events

WEDNESDAY JULY 3, 2002

THE GREAT CHES GOLF GAME

Tee-off time: 13:00

_____ SPONSORED BY SIEMENS BUILDING TECHNOLOGIES _____

This will be a Best-Ball Tournament and amateurs are required! The tournament will take place at Fox Meadow Golf & Country Club, is a new 18-hole club located just five minutes from Charlottetown. The blend of rural, community and harbor view surroundings provide a gorgeous setting for Prince Edward Island’s newest championship golf challenge. Those requiring transportation will be car-pooled by the Organizing Committee.

Fee: $60.00 per person including golf cart. Please indicate on the registration form if you will require transportation. Enrollment limited. First come, first served.

President’s Welcome Reception

18:30-20:30
PRINCE EDWARD ISLAND BALLROOM

All delegates are cordially invited to attend the President’s Welcome Reception in the Ballroom of the Delta Prince Edward Hotel to officially open the Trade Show. Enjoy drinks and a light supper while you meet old friends, greet your fellow delegates, and check out the exhibits.
Social Events
THURSDAY JULY 4, 2002

WALKING TOUR OF CHARLOTTETOWN
14:00-16:30
The origins of the concept of a country called Canada were generated at the historic Charlottetown Conference of 1864. History will come alive as your guide, dressed in a costume of the mid-Victorian era, and authentically depicting a famous personality from that historic event, leads you through the pages of history.

As a very special treat, you will visit Founders Hall. With state-of-the-art audio headsets, visitors are led through “The Time Travel Tunnel” and transported back in time with the use of technology, holo-visuals, multi-media interpretation, and realistic and interactive displays.

Fee: $10.00 per adult; $5 per child (12 years and under)

CEILIDH
19:00
A Ceilidh (pronounced kay-lee) is Gaelic for a great get-together. Our Ceilidh will be held in The Lucy Maud Montgomery Room of The Culinary Institute overlooking the Boardwalk, the Charlottetown Harbour and the beautiful West River. The “Atlantic style” menu will feature fresh lobster, oysters, scallops, clams, mussels – even steak for the landlubbers – and of course, some famous PEI potatoes!

You won’t be able to resist dancing a jig when the fiddlers fill the room with lively toe-tapping Acadian music! “Hold the Haggis” is the name of the show and it promises to be a foot stomping delightful experience!

Fee: Included in registration for Full Delegates.
Guests: $65 per person; $35 per child (12 and under)
Includes dinner, and entertainment
The Culinary Institute is a 5-minute walk from the hotel.

18:45 Meet in Lobby of hotel for a group walk to The Culinary Institute, 4 Sydney Street.
19:00 Reception
19:30 The menu is your choice of a Seafood Extravaganza or a beef dinner.
After dinner “Hold the Haggis” – a foot stomping and delightful cultural experience!
Exhibit Floor Plan

The Selkirk Dining Room

The Selkirk Lounge

Entrance From Lobby

Stairs to Upper Level

Foyer

Prince

Edward

Island

Refreshment Area

Storage Area
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<td>G.E. Shnier Co./Armstrong World Ind.</td>
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Adanac Air Tube Systems Ltd.
Pneumatic Tube Conveyor Systems designed for hospitals have made gigantic leaps forward. With the advance of computerized controls these systems became a reliable and high-speed communication system no modern and efficient hospital should be without. They carry virtually any item max. 15 lbs. That fits into the 5” x 18” measure carriers.

ADI Limited
ADI Group Inc. provides architectural, engineering, health care planning, construction management and design build services to a variety of health and wellness clients. This work has involved acute care, long term care and wellness facilities throughout Canada and the USA. ADI has offices across the Atlantic Region and the northeastern USA.
ADI is an employee owned company of 250 employees and has a quality management system registered to ISO 9001 standards.
Our trade show booth will represent recent work for Veterans Affairs Canada in long term care and health care planning in acute care related to Pediatrics, Obstetrics, Mental Health and Ambulatory Care.

ASCO Power Technologies Canada
ASCO Power Technologies Canada is a major Canadian manufacturer of Automatic Transfer Switches. Based in Brantford, Ontario, ASCO Power Technologies Canada has coast to coast district sales offices.
Over the past 70 years, ASCO has pioneered every major product innovation in power transfer technology. Changes in the electrical utility marketplace are creating opportunities for Health Care Engineers to re-evaluate their emergency power systems. ASCO has many products and expertise that can help with this process.

Atlantic Alarm & Sound
Nurse call, card access, cameras, and security.

Atlantic CAT
Atlantic Tractors & Equipment Ltd is the Caterpillar Dealer for the Maritimes. Atlantic Tractors is a supplier of power generation equipment which includes diesel generators, spark ignited generators, switch gear, transfer switches, rotary UPS, generator enclosures, rental power and chillers, parts and service including maintenance contracts.

Busch Vacuum Technics Inc.
Busch Medical & Laboratory Vacuum and Air Compressor Systems.

Canadian Healthcare Engineering Society (CHES)
The Canadian Healthcare Engineering Society provides a vehicle for excellence in communication and professional development in healthcare facilities management. We are a non-profit voluntary society promoting improved planning, design, operation and management of healthcare technical services systems.

Chubb Security Systems
Security products and services.

Crossley Carpet Mills Ltd.
Crossley Carpet Mills Limited is proud to be the first carpet mill in Canada, and the second in North America, to be certified to ISO 9002. This achievement is the result of strict quality measures for all manufacturing procedures, meeting or exceeding world standards. It virtually insures a consistently high level of quality on all finished goods leaving the mill.
Delta Faucet Canada
Delta Faucet Canada, a division of Masco Corporation, is the largest domestic manufacturer of faucets for residential and commercial applications. Delta Faucet Canada delivers well crafted, "Beautifully Engineered" faucets and related accessories under the Delta, Delta Select, Waltec and Delta Commercial brand names. Dedicated to complete customer satisfaction, Delta Faucet Canada invests heavily in customer service. For more information go to www.deltafaucet.com.

Dukane Canada
Dukane is a manufacturer of state-of-the-art communication systems for safety and security and efficiency for staff as well as patients. Our interfaces are complete and transparent to the system and user. See us for wireless integration.

G.E. Shnier Co./Armstrong World Ind.
Commercial flooring products as they relate to health care use.

Getinge/Castle Canada Limited
The world's most trusted and respected names in infection control, surgical and patient care equipment, come together to form a powerful single source solution to give you more choices and better choices than you ever had before. Getinge/Castle’s Service Organization has over 250 trained professionals to provide preventative maintenance, installation, spare parts packages, and customer support to protect your equipment investment.

Hill-Rom Canada
Leading health care provider of patient care systems addressing optimum productivity, safety and value. Its diverse services include products for critical care, medical/surgical, emergency, recovery, perinatal, acute and chronic care in both prefabricated modular systems, communication systems and patient room furnishings. In 1998, Hill-Rom acquired the Air-Shields Co. expanding our maternal infant care business segment.

Interface Flooring Systems
Interface is the leading supplier of modular flooring systems specially designed to create comfort and warmth for the Health Care Facility. Intersept®, Interface's patented antimicrobial preservative, is permanently incorporated into the backing systems of all products manufactured by Interface Flooring Systems. Intersept® protects the floorcovering from the growth of bacteria and fungi, and helps prevent odors of microbiological origin. Interface offers high performance products, innovative patterns - everything needed to create and maintain a healing environment.

MainBoss
Since 1995, MainBoss has fulfilled the computerized maintenance management needs of companies throughout the world. MainBoss CMMS is easy to use, powerful, yet affordable – featuring Preventive/Corrective Maintenance, Equipment and Inventory Tracking, Purchase Orders, and Reporting.

As an add-on to MainBoss CMMS, the MainBoss@Requests program allows users to email Work Requests from anywhere and to receive automatic acknowledgements and notifications as their request is processed. Together, these functions provide the basis for efficient maintenance management.

Maxivox
Maxivox is a well established Canadian manufacturer of state of the art microprocessor-controlled intercommunication systems for the institutional (healthcare, educational) and industrial sectors.

The company develops and assembles its systems in Québec City, Canada. All Maxivox products and systems are subjected to rigorous quality control procedures and the company has been certified ISO 9001 since 1998.

Maxivox network of distributors/installers provides diligent and flawless after-sale service in more than 15 countries around the world. The company intends to continue its efforts in strengthening its presence on current markets, as well as developing new ones.
MediaEdge Communications Inc.
MediaEdge is the publisher of the CHES Quarterly Journal. MediaEdge also provides a full range of design, writing, editing, publication consulting and production services to many leading real estate organizations and industry associations services for the development of comprehensive, print based marketing strategies.

Natural Resources/CBIP
Natural Resources Canada’s Commercial Building Incentive Program (CBIP) offers an incentive to encourage building owners to incorporate energy-efficient technologies and practices in designs for new commercial and institutional buildings.
Le Programme d’encouragement pour les bâtiments commerciaux (PEBC) de Ressources naturelles Canada offre un incitatif financier afin d’encourager les propriétaires de nouveaux bâtiments commerciaux et institutionnels à incorporer des techniques et des pratiques offrant une plus grande efficacité énergétique.

Nedco Atlantic
Nedco, a division of Rexel Canada Electrical Inc., is Canada’s premiere Full-service Hospital distributor of electrical, automation and telecom products. We operate 13 strategically located branch offices throughout Atlantic Canada.

Otis Canada Inc.
Otis Canada Inc. is the supplier of elevator installation, modernization and maintenance. Our exhibit will include information on Otis maintenance management system, corroded cylinders, remote elevator monitoring and elevator upgrades.

Phoenix Controls Corporation
Ensuring Environmental Integrity
Phoenix Controls Corporation provides precision airflow control solutions for laboratories in healthcare facilities. We will be featuring our Accel® II venturi valve and our new IAQ monitor at this year’s CHES show.

Phoenix Floor & Wall Products Inc.
FORBO Marmoleum, a natural, durable flooring that has bacteriostatic properties which prevent micro-organisms (including bacteria) like Salmonella Typhimurium and Staphylococcus Aureus, multiplying themselves. Marmoleum has the same antibacterial properties against MRSA (Methiciline Resistant Staphylococcus Aureus).

Power Vac Services
Service contractor in dealing with the handling of hazardous materials and the display of current high track robotic cleaning equipment used in solving IAQ problems and mechanical hygiene in buildings.

R.L. Fulton Equipment Limited
We will be displaying the Follett line of ice and water dispensers, designed specifically for the healthcare industry. These machines produce compressed nugget ice that is both chewable and slow-melting and are the perfect size and shape for bedside carafes. They also mold easily for ice packs.

Siemens Building Technologies
Siemens Building Technologies, Ltd., is the Canadian affiliate of Siemens Building Technologies (SBT) AG of Zurich. Serving customers in more than 100 countries around the world, the company is a leading provider of facility performance solutions for comfort, fire safety, security, energy efficiency and building automation. SBT employs more than 7,000 in North America and 33,000 worldwide.
Web site: www.sbt.siemens.com
4 SimplexGrinnell
SimplexGrinnell is planning to display and represent our latest offerings in the areas of Fire Alarm, Nurse Call, CCTV, Card Access and other fire protection related areas.

33 Sofame Technologies Inc.
Direct contact water heating systems.

17 Soprema Inc.
Soprema is a world leader in the research, development, and manufacturing of SBS modified bitumen roofing systems, and their related products. Soprema will be exhibiting literature for roofing systems that do not require hot asphalt or torches, both major issues with hospitals, as well as other systems that utilize our special composite reinforcement.

10 Stratica (Arteca International)
Stratica Eco-Polymeric flooring is chlorine and plasticizer free, it emits the lowest possible levels of VOCs, and does not require polish, wax or cleaning with caustic chemicals. Tiles are available in a wide range of natural effects and plain colors. Stratica Eco-Polymeric flooring is for specifiers who are environmentally responsible and need to control costs. Stratica is used extensively in healthcare installations around the world.

2 Swisslog Translogic
Swisslog Translogic is a manufacturer of automated material transport systems, designed to keep vital materials moving in the Healthcare industry. For over 85 years we have helped customers improve the flow of materials and reduce the costs of manual transport. With proven installations worldwide, Swisslog Translogic systems bring a higher level of efficiency to the workplace.

13 Tremco Canada – Weatherproofing Technologies Canada
Tremco’s Roofing Division provides a complete line of roofing systems and maintenance products. Cold applied BUR and MB, single ply, fluid applied – our roofing solutions are customized for sensitive healthcare environments.

Weatherproofing Technologies Canada (WTC) is a service division of Tremco Canada. WTC’s approach to service delivery is to offer an experienced team of technical professionals who have hands-on experience and in-depth training in roof diagnostic and investigative procedures; information technology; preventive maintenance; specification development and project management.

28 VitalAire Healthcare
VitalAire Healthcare is Canada’s only national full service medical gas systems provider. Working from 8 offices across the country, our dedicated MGS specialists are available and accessible to serve you.

And we install what we sell! Our contracting affiliates specialize in full scope installations, ensuring compliance with the latest Building Codes and Standards.

Dedicated to bringing innovative, cost effective technologies to Canadian Healthcare, we’re the One Call Solution for all your medical gas needs.

15 Victaulic Company of Canada
Victaulic Company of Canada joined the Victaulic family of companies in 1931. Victaulic Company of Canada provides complete mechanical pipe joining systems for grooved and plain end piping systems. Piping materials such as steel, ductile iron, HDPE, PVC, stainless steel, copper and aluminum are quickly and easily joined using Victaulic products.
As North America drags itself out of the recession and into a twenty-first
century awash with change, a special need is arising. Now, more than at
any time in history, we need to LIGHTEN UP and start allowing ourselves
to dream and grow and to become productive and adventurous again. We
need to put the play back into our work and know how laughter and
creativity will enhance both our productivity and our health.

This session will present the new CSA Z 317.13 “Infection Control
during Construction and Renovation of Health Care Facilities”
standards.

This session will present the Physical Plant from the
institution’s/corporation’s executive management perspective. Some of
the items to be covered are – Does maintenance have 5 workers sitting
in armchairs just waiting for the next request? Is the Physical Plant a
good place to cut to balance budgets? Is the Physical Plant just a
money pit? How important is the Physical Plant and what is expected of
Physical Plant managers?
Track 3: Safety Issues

13:00  01  A Practical Approach for Achieving Fire and Life Safety in Healthcare Facilities

Ralph J. Bartlett, Fire Protection Engineer, R.J. Bartlett Engineering Ltd.

A federal/provincial sub-committee on healthcare facilities under the health protection branch of the former Health and Welfare Canada Commission, led to the development of the Canadian Hospital Fire Safety Evaluation System. Ralph Bartlett, R.J. Bartlett Engineering Ltd., led a team of experts in the development of the CHFSES. Over 10 years later, the success of the CHFSES is presented along with case studies involving methods of using healthcare dollars efficiently and achieving appropriate levels of life safety in healthcare facilities.

13:20  02  Changes in Essential Electrical Supply for Healthcare Facilities A32.2 and their Impact for Hospital Engineers

Alan Swartz, District Manager, ASCO Power Technologies, Canada

Recent changes to the CSA standard that applies to emergency power systems for essential electrical loads in healthcare facilities will be discussed. In particular, the ability to transfer between the Normal power source and Emergency power system with no interruption to the load will be explored.

Track 4: Systems Issues

13:00  01  From Paper to Blood … What a Change!

Joe Zinni, Senior Sales Consultant, SwissLog Translogic

Pneumatic tube systems have been around for a long time. They were first introduced to the North American market in the early 1900’s to deliver telegrams from the central rail station to nearby offices, along with money transactions in banks and department stores. Installations in Hospitals began in the early 1950’s primarily to transport paper, mail, requisitions, and dietary orders for patients. In the early 1970’s, computerized tube systems were introduced with the “soft landing” feature. This feature, along with increased “electronic control” and decreased “mechanical control” marked the beginning of a shift from transporting paper to blood. Today, computerized tube systems have become the standard in Hospitals. With increasing demands on cost containment and improved patient outcomes, systems have experienced tremendous growth.

In summary, today’s systems are installed to transport a variety of medical products in a fast, very reliable and cost effective manner. In fact, we are hearing the system being referred to as a “medical transport system”.

13:20  02  Alexander / Canceaux
Managing Your Roofing Investment

Bill Corrigan, Consultant, Public Sector Program, Tremco Canada

Roofing is an often overlooked building component that represents a significant capital outlay when replacement becomes the only option. Armed with information, senior healthcare facilities managers can make accurate, cost effective decisions as to their best course of action. “Managing Your Roofing Investment” seminar topics include:

- Roofing Cost Drivers
- Strategies for Cost Reduction
- Optimizing the Value of Roofing Assets
- Technology/Diagnostic Tools
- Information Systems

Service Level Agreements

Wayne McLellan, Director, Engineering Services, Chatham-Kent Health Alliance

A mutually developed prioritization system designed to increase customer satisfaction and departmental pressures will be discussed.

CHES Annual General Meeting

Elfin/Pekeha

CHES Website Developments

Wayne McLellan, CHES Secretary
Andy Santoro, CHES Webmaster

Track 5:

Water Quality Assurance

Neil Thomas, ADI Consultant Engineer

This session will deal with the issue of ensuring water quality standards in healthcare facilities, and ensuring the integrity of the domestic water supply. The presenter will outline preventive measures to avoid water problems in healthcare facilities.

Track 6:

Designing for Wellness

W. George Sinclair, Senior Partner, Architecture 2000 Inc.

This session will present design details that help patients to recover more quickly.

Ceilidh

The Culinary Institute

Meet in Lobby of hotel for a group walk to The Culinary Institute, 4 Sydney Street.
Education Forum
Friday Morning

07:00-08:30  Continental Breakfast  
Prince Ballroom

08:30-10:00  Track 7

Track 7:  Leading Your Team in Changing Times
Kathleen Howard, Senior Consultant & President, Kathleen Howard & Associates, Inc.

Kathleen Howard is known for her energetic and engaging approach to organization development, an approach, which systematically responds to both organizational and individual needs. This session will present team building concepts and personal development.

10:00-10:30  Refreshment Break  
2nd Floor Foyer

10:30-11:30  Track 8 and Track 9

Track 8:  Direct-Fired Absorption Chillers
Fred Kerska, Senior Applications Engineer, Absorption Chiller Business Unit; The Trane Company

This session will discuss the utilization of natural gas using directed fire absorption chiller or just an absorption chiller using steam. Low electrical energy consumption makes this alternative a natural for emergency backup cooling.

Track 9:  Emergency Preparedness: “A Response to Terrorism”
Marilyn Babineau, Special Projects Coordinator, South-East Healthcare Corporation

The threat of Chemical Biological Terrorism presents special challenges for health care institutions including treatment of victims, safety of staff, and decontamination procedures. In the aftermath of September 11 hospitals are developing plans to deal with these potential threats. This interactive session will focus on how hospitals can be prepared.
11:30-12:30 Track 10 and Track 11

Track 10: National Benchmarking in Engineering and Facilities Management
Dale Woodin, Advocacy Director, American Society for Healthcare Engineering (ASHE)

“In God we trust, all others must supply data”. This session will give an overview of data collection and its theoretical value in comparison to dissimilar operations. Types of data collected and decisions which may be based on rations and trends will be presented, along with the need to establish a new set of key indicators to accurately characterize operational performance and tie it to the overall performance of the organization.

Track 11 Flywheel Technology: A Valuable Alternative
Melvin Skinner, Atlantic Tractors & Equipment Ltd.

Caterpillar has a backup power supply which provides emergency power for the 15 seconds it takes for the emergency system to go online.

12:30-13:30 Track 12

Track 12 Wireless Technology
Todd Miller, E-Business Consultant, Aliant
David Pothier, Wireless Data Account Manager, Aliant

This session will present in-building wireless LAN solutions (with healthcare examples) as well as the evolution of wide area mobile wireless technologies and their applications. Interference issues will also be addressed.

13:30-14:30 Luncheon & Luncheon Address

Update on ASHE Activities
Wayne Klinglesmith (President), and Al Sunseri, (Executive Director), ASHE

CHES Draw Prizes
Closing Ceremonies
Speakers

Keynote Speaker — Bill Carr

Bill Carr is an Atlantic Canadian-born performer, writer, humorist and media personality. He enjoys an extensive career as a stage performer, writer and director. He has toured the country in popular productions such as Olde Charlie Farquharson's Testament and Magic Lantern Show, and Don Messer's Jubilee. Neptune Theatre recently featured him in their acclaimed productions of Art and The Government Inspector. Bill became known nationally as a humorous commentator for CBC-TV's The Journal and Midday, and is a regular panellist for CBC-TV's "Newsworld". Other television credits include spots on Black Harbour, Red Green, Adderly and Switchback. He also helmed several pilots – the poignant Dancing Insid, and God Knows, which he co-wrote and starred in with Don Harron.

Bill was the main performer in a 15-part CBC children's series, "Dr. Muzowski", and has worked as a contributing writer for OWL-TV. He has also appeared in advertisements seen both nationally and in the U.S. and has worked extensively on CBC Radio as radio-drama performer, writer and commentator. Higher Ground, his new hour-long radio show, features his background as a student of theology and philosophy. As well, Bill has been involved with a production company that produces industrial videos for companies both large and small, videos with a twinkle. He has produced videos for the Ministry of Natural Resources, the Ontario Department of Mine Safety, the United Church and Maritime Tel and Tel. These videos have featured Bill as both writer and performer.

He contributes his time and talent as auctioneer and Master of Ceremonies in support of a number of charitable causes, including Unicef, Symphony Nova Scotia and the IWK Health Centre. He is a yearly participant in the Children’s Miracle Network Telathon. In 1998, Bill became Honorary Chair of the January Awareness Campaign of the Alzheimer's Society.

As a keynote speaker, Bill has crossed the country addressing small local companies or major international corporations and associations such as Bell Canada, Goodyear, IBM, various school associations, hospital groups and federal and provincial political parties.

Marilyn Babineau
Marilyn Babineau is Project Manager for the South-East Regional Health Authority based in Moncton, New Brunswick. Marilyn has over 25 years of experience in health care. Before taking on her present role Marilyn held a variety of Nursing and Nursing Administration positions within The Moncton Hospital. She holds a Master's Degree in Health Science Administration from Central Michigan University and a BSc.N from the Université de Moncton. Included in Marilyn’s responsibilities is Disaster Preparedness, and she was actively involved in planning for health care needs during the Sommet de la francophonie.

Ralph J. Bartlett, P. Eng., P.E.
Fire Protection Engineer
Ralph Bartlett earned a B.Sc. in Fire Protection Engineering from the University of Maryland in 1982. Since then, he has worked as a design and consulting engineer in the field of fire protection. Ralph is a principal with R.J. Bartlett Engineering Ltd., the firm he founded in 1987. Ralph and his colleagues continue to be actively involved in projects in all provinces in Canada, the United States, Bermuda, and Barbados.

Ralph has twenty years experience in fire safety for healthcare facilities. He has worked on healthcare projects in nine provinces in Canada. In the late 1980’s, Ralph was project manager in the development of the Canadian Hospital Fire Safety Evaluation System. The CHFSES was developed under a contract with Health and Welfare Canada. The project was directed by a Federal/Provincial Sub-Committee. The CHFSES is a tool that can be used to assist in evaluating the level of fire safety existing in a health care facility. It is also useful in identifying options for upgrading fire safety in a balanced manner.
Rebecca Close ICN  
RN from Saint John School of Nursing, Saint John New Brunswick and a BN from the University of New Brunswick, Fredericton NB. Professional experience has been at South East Health Care Corporation in Moncton NB, which is a 430 bed territory care centre. Nursing experience has been in the following areas: Pediatrics, Burns, and Coronary ICU followed by Emergency Nursing and Triage in addition to Infection Control.

I have been working in Infection Control for the last 9 years except for a 1-year leave to work in the Information Systems Departmental as a nursing coordinator for implementation of Meditech Health Care Information System. Member of the Infection Control Association; President of the NB/PEI Chapter of CHICA-Canada.

Bill Corrigan  
Bill is responsible for managing Tremco’s Public Sector Program. His primary role is to ensure that the roof management programs are customized to meet the unique needs of public sector clients, including healthcare, education and government. Bill’s roofing area of expertise is in preventive maintenance, asset preservation, diagnostic measures, long-term budget planning and project management. He has been assigned to roofing diagnostic and management projects at 35 healthcare facilities over the past four years.

Michael Dodd  
Mike has a background in chemical engineering in a variety of industries including industrial, mining, and personal care and consumer products. He has over 20 years experience with the Canadian Standards Association in many facets of the organization including certification and testing, mechanical engineering, corporate planning, new business development and Standards development.

In his career developing Standards, Mike has worked on plumbing codes, and electrical safety Standards, energy efficiency Standards and fire safety and fuel burning equipment Standards. Mike currently works in the Health Care Technology Group and is working on Standards covering anaesthesia, infection control, laboratory quality systems, and sterilization.

Regis Drouin  
Regis graduated from the Quebec college system as an Aircraft Maintenance Engineer with a focus on turbines. He is currently employed with the Energy Division of Hewitt Equipment Ltd., the Caterpillar Power Systems Dealer for Quebec and Western Labrador.

He is based out of Quebec City and covers Northern Quebec as a Technical Sales Representative. He has ten years of experience with prime and emergency power systems. He possesses great knowledge of what makes a reliable emergency power system including transfer switches, switchgear, diesel generators and UPS; and how they are applied to Health Care Facilities.

Kathleen Howard  
Kathleen Howard is an energetic and inspirational professional. She offers over 15 years diverse experience in organizational development and transformation in both public and private sectors. Kathleen creates innovative and customized solutions designed to meet specific organizational goals and produce measurable results. She has outstanding process and group facilitation skills with a dynamic and inclusive approach and is able to accommodate different learning styles and personalities in one-on-one coaching, small group, and large group learning environments. Her strong team approach is collaborative and goal oriented.

An equally important part of her life are her two daughters Agnes and Sophie who are at their first-ever sleep-over summer camp, and her husband Patrick who has to deal with all kinds of changes as Kathleen flits around the world with her work. Kathleen is not afraid to try new things – she ran a marathon (26.2 miles) in Rome, Italy last year after she raised $5,000 for the Canadian Diabetes Association and just finished running her middle of the night 20 km leg of the Cabot Trail Relay.

Fred Kerska  
Mr. Fred Kerska is a Principle Marketing Engineer for Trane in the Absorption Product Group in their large chiller Business Unit in La Crosse, WI. Mr. Kerska Joined Trane in the
middle 1960’s and held various marketing positions in commercial fan products, residential and light commercial heating and cooling products, and fire tube and water tube boilers. In 1982, Mr. Kerska resigned from Trane to become Director of Sales and Marketing for a manufacture of gas fired heating products for agricultural, industrial, and commercial industries.

In early 1994 Mr. Kerska returned to Trane with the assignment to review Trane’s direction in Gas Cooling Products and more specifically to become involved in the final stages of the Horizon™ Development Project. The Horizon™ Project included a complete new design of direct-fired absorption and a complete redesign of Trane’s two-stage and single-stage absorption products. Recently, Mr. Kerska has added gas engine driven centrifugal chillers (GPC) to his product marketing responsibilities.

With the uncertainty of electric energy costs throughout North America, Mr. Kerska has been spending much of his time looking at the potential for applying absorption in CHP (Combined Heat and Power) and BCHP (Building Cooling, Heating, and Power) applications. With the various methods being used to generate electric power onsite such as micro-turbines, gas turbine generators, gas engine generators, fuel cells, etc. there is increased potential for applying the latest absorption technology, which, in turn, can increase the overall system efficiency. Mr. Kerska believes these applications, in addition to the traditional absorption applications, could increase the absorption market size in North America significantly.

Wayne D. Klinglesmith FASHE, CHFM
President, American Society for Healthcare Engineering

Work Experience:
- 2001 – present - Director of Facilities Management, Athens Regional Medical Center, Athens, Georgia; 315 bed public hospital
- 1982 - 2001 - System Director of Plant Operations, Lee Memorial Health System, Ft. Myers, Florida; 928 bed system with 3 hospitals
- 1980 – 1982 - Assistant Director of Engineering, Sarasota Memorial Hospital, Sarasota, Florida; 627 bed public hospital
- 1976 – 1980 - Director of Plant Engineering, Hollywood Memorial Hospital, Hollywood, Florida; 728 bed public hospital

Education:
Master of Business Administration, Nova University - Akron, Ohio
Bachelor of Science - Mechanical Engineering, Akron University - Akron, Ohio
Associate in Applied Science - Air Conditioning Technology, State University of New York - Alfred, New York

Professional Affiliations:
- Georgia Society for Hospital Engineers
- Florida Healthcare Engineering Association - President 1991
- FHEA Certified Hospital Engineer (CHE)
- National Fire Protection Association - Healthcare Section
- American Society of Heating, Refrigeration and Air Conditioning Engineers

Todd Miller is currently the General Manager of the eBusiness Portfolio for Aliant Telecom. Over the course of his career at Aliant, Todd has worked as an eBusiness Consultant with major customers such as Irving, Emera Energy, Maritime Life and Halifax Regional Municipality. Todd has previously worked for Nortel Networks and Bay Networks as well as part owner of a Systems Integration company.

Todd is currently a Cisco Certified Design Associate, a Nortel Certified Sales Associate, and a Cisco Wireless Expert. He has spoken to Aliant’s customers on such diverse topics as wireless data, handheld use in the enterprise and Biometrics.
Wayne McLellan
Sept. 1998 to current: Director, Engineering Services, Chatham-Kent Health Alliance, Chatham, Ontario

- directly manage the Engineering Services group for the Alliance, including the St. Joseph’s, Sydenham and the Public General Hospitals, comprising a total square footage of approximately 450,000 square feet
- responsible for the engineering and project management of the redevelopment of the Chatham Campuses comprising of a Ministry funded, capital project of 65 million dollars and an internally funded renovations project of approximately 2 million dollars
- have recently been successful in negotiating the amalgamation of 6 union groups in the department into 2 collective agreements, clerical and trade.
- administrative participation: co-chair of the Occupational Health and Safety, facilities planning committee, building committee, emergency planning committee, Y2K steering committee, environmental team, manager’s group executive committee, ad-hoc member of infection control committee

Alan Mongraw
Alan Mongraw is the Vice President Operations for the South-East Regional Health Care Authority based in Moncton, New Brunswick. Alan has twenty-three years of health administration experience. Before joining The Moncton Hospital in 1990, he held senior administrative positions at the Ottawa Civic Hospital from 1979 to 1985, and until 1990 was the Director of Administration for the Ottawa/Carleton Health Department. Alan holds a Master’s degree in Health Administration from the University of Ottawa and B.A. in Economics from Sir George Williams University in Montreal. Included in Alan’s portfolio at the South-East Health Authority is Physical Resources and Facilities Planning and Development.

David Pothier
W. George Sinclair
After attending high school in Fredericton, George studied and received a certificate in Architectural Technology from Ryerson Institute of Technology in Toronto in 1962. In his final year at Ryerson, he received the Murray, Brown and Elton scholarship for design and upon graduation the distinguished Ryerson Silver Medal for Proficiency.

The forty years of experience since college has been while working for one small firm in Fredericton, one medium and two large firms in Moncton. Mr. Sinclair has in his capacity as project coordinator, technical director and partner in two larger firms, been involved with the detailing and construction of more than thirty hospitals and nursing homes.

A senior partner with Architecture 2000 Inc. in Moncton, a mid-size firm with 18 employees, he remains involved in the design and construction of institutional, commercial, industrial buildings and penal facilities.

Al Sunseri
Albert J. Sunseri, Ph.D., is Executive Director of the American Society for Healthcare Engineering of the American Hospital Association. Dr. Sunseri has over twenty years of experience in healthcare having served with the Healthcare Financial Management Association, the Joint Commission on Accreditation of Healthcare Organizations, American Heart Association - Chicago, and the Association for Resource and Materials Management. For five years he did Phase Four Research for the National Heart, Lung, and Blood Institute of the National Institutes of Health and has published articles on preventive medicine and research designs. He recently received an award of achievement from the Future of Health Technology Institute at Massachusetts Institute of Technology. Dr. Sunseri is managing for ASHE a wide variety of programs including Wireless Medical Telemetry, Energy Efficiency, Green Buildings, and is involved in the International Federation of Hospital Engineers and the Global University Programs in Healthcare Architecture.

Alan Swartz
Alan Swartz, C.E.T is the Atlantic District Manager with ASCO Power Technologies Canada. A graduate of the University College of Cape Breton with a Diploma in Mechanical Engineering Technology has over 20 years experience not only in Transfer Switch Technology and Diesel Generator Synchronizing but also in Valves, HVAC, Heat Recovery and Combustion.
Born in Stephenville, Newfoundland and raised in Sydney, Nova Scotia and now resides with his wife and two boys in Mineville, Nova Scotia a small community just north of Dartmouth. Interests include Golf, a Black Belt in Tae Kwon Do - to keep the kids in line - and Gentlemen’s Hockey, if there is such a thing.

**Neil E. Thomas**
Neil graduated from University of New Brunswick with a BSc in 1984 and a MScE in Civil Engineering in 1991. Prior to joining ADI Limited his work experience comprised 5 years in environmental engineering and 5 years as the Province of New Brunswick’s Public Health Engineer.

As New Brunswick’s Public Health Engineer, Neil was responsible for five core areas of specialization: public drinking water program, subdivision approvals, on-site sewage, recreational water, and environmental impact assessments. He led working groups, which developed the Department of Health’s Public Water Systems and On-Site Sewage regulations, technical support documents, and policies. He is the New Brunswick member of the Health Canada, Federal-Provincial-Territorial Drinking Water Sub-Committee (DWS), 1997 to 2001, and served as Chairman of the Sub-Committee 2000-2001. This committee establishes Canada’s Drinking Water Quality Guidelines. Since 2001 he has been employed by ADI Limited as a water quality specialist assisting Canadian communities, companies and government agencies with drinking water system treatment, disinfection and management.

**Dale L. Woodin**
Dale Woodin serves as the Deputy Executive Director – Advocacy for ASHE representing the 6,000 members on codes and standards formation, revision, and interpretation. He serves as a member of multiple numerous healthcare task forces including Joint Commission Standards & Standards Compliance Review, A1A Guidelines for Design and Construction of Hospitals, ER One, and NFPA Healthcare Interpretations. Dale is also responsible for the ASHE strategic initiatives in benchmarking energy costs and highlighting best practices, in Wireless Medical Telemetry frequency coordination, and in facilities disaster readiness. Dale has authored articles on Hospital Construction, Medical Telemetry, and Environmental Infection Control, and serves on the faculty for ASHE educational seminars on JCAHO EC Standards. Prior to joining ASHE’s staff, Dale served as Director of Plant Operations at Northwest Community Healthcare in Arlington Heights, IL.

**Joseph Zinni**
Senior Sales Consultant, Joe Zinni has worked in field service and sales in the pneumatic tube industry for the past 28 years – 16 of which have been with Swisslog Translogic. Joe’s education includes a diploma in Engineering Technology from Ryerson University in 1972, along with active memberships in CHES and CLMA.

Joe’s territory covers the healthcare market in Canada and also gained some international experience in the 1990’s.

In his spare time, he enjoys making wine, attending his son’s sports activities, golf and camping.
General Information

Registration: Registration Desk is located in the area just outside the Ballroom Foyer.

Hours:
- Wednesday July 3, 2002  10:00 – 19:00
- Thursday July 4, 2002   07:30 – 16:30
- Friday July 5, 2002     07:30 – 12:00

Social Events & Meals: Applicable tickets for meals and social events will be in the packages of registered delegates and will be collected at each function.

Name Badge: Delegates are asked to wear their name badge to all functions of the conference.

Business Meetings

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Meeting Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday July 3</td>
<td>08:00-11:00</td>
<td>CHES 2001-02 Executive Board</td>
<td>Alexander</td>
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<tr>
<td>Thursday July 4</td>
<td>12:30-13:00</td>
<td>CHES Atlantic Chapter Annual General Meeting</td>
<td>Alexander</td>
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<td></td>
<td>13:00-13:30</td>
<td>CHES Executive and Organizing Committees meet with Exhibitors</td>
<td>Elfin/Pekeha</td>
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<tr>
<td></td>
<td>14:00-14:45</td>
<td>CHES Annual General Meeting</td>
<td>Elfin/Pekeha</td>
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<tr>
<td>Friday July 5</td>
<td>07:30-08:30</td>
<td>CHES 2002-03 Executive Board</td>
<td>Stanley</td>
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<tr>
<td></td>
<td>13:30-14:30</td>
<td>CHES 2002 and CHES 2003 Organizing Committees</td>
<td>Prince</td>
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<td>(reserved table at luncheon)</td>
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CHES 2002
Organizing Committee

Chairman
Roland McIntosh ................................................................. South East Health Care Corporation

Exhibits & Sponsors Committee
Bill Goobie (Chairman) ........................................................... South East Health Care Corporation
Roland McIntosh ................................................................. South East Health Care Corporation
Carl Wilbur ........................................................................ South East Health Care Corporation

Program Committee
Ralph Mayfield (Chairman) ................................................. Atlantic Health Science Corporation
Gordon Burrill ................................................................. River Valley Health
John DiPaolo ........................................................................ River Valley Health
Pat Dunn ........................................................................ District Health Authority 4
Gerry Gillis ........................................................................ District Health Authority 7
Blaine Lynch ........................................................................ Region 7 Hospital Corporation
Rakesh Minocha ................................................................. Northern Region Health Board

Social Committee
David Fitzpatrick (Chairman) ................................................ Queens Region Health Board
Greg Clayton ................................................................. University of Prince Edward Island
Lane Mingo ................................................................. Eastern Kings Health Region-Souris

CHES
2002-2003 Executive Committee

Donald Spielmacher ................................................................. President
Gordon Burrill ................................................................. Vice President
Wayne McLellan ................................................................. Secretary
Kevin Valiquette ................................................................. Treasurer
Dan Rozak ........................................................................ Past President
Mike Hickey .......................................................................... Chairman, BC Chapter
Colin Bundred ........................................................................ Chairman, Alberta Chapter
Joel Carr-Braint ...................................................................... Chairman, Ontario Chapter
Roland McIntosh ................................................................. Chairman, Atlantic Chapter
Roy Langille .......................................................................... Chairman, Education Committee