

### September Meeting

Our September meeting topic is *The Four "E's" of District Heating and Cooling and Electrical Generation*:

1. Energy
2. Economy
3. Ecology
4. Ease of Use

and how it potentially applies to London.

The presenter is Derek Macartney, Director of Engineering, Trigen-London District Energy Corporation.

### Chapter Membership

Despite the pressures of spiralling inflation, increased energy costs, and the mid-East crisis, etc., etc., the London Chapter has frozen membership fees at 1988 prices.

### Montreal CRC 1990

The Montreal CRC was a great success. The London Chapter was well represented, with no fewer than seven participants.

The workshops were well attended, and our Committee Chairmen are pumped up for the New Year.

### Annual Dues

Full Member ..... \$110.00 including meals  
Out-of-Town Member ..... \$40.00 plus \$20.00/meal  
Student Member ..... \$ 7.00/meal  
Guests ..... \$20.00/meal

Last year, the membership was very prompt in payment of dues. We would appreciate the same response this year.

Increase Your Professional Knowledge -  
Help Your Chapter Earn PAOE Points -  
Attend ASHRAE's  
Professional Development Seminar (PDS)  
**"Indoor Air Quality"**  
October 2-3, 1990  
in  
**Montreal**  
For a complete program brochure and  
registration information, contact Marieta Henry  
at ASHRAE Headquarters (404-535-8400).

## INVOICE MEMBERSHIP DUES 1990 - 1991

- 1) Please complete form.
- 2) Enclose cheque payable to "ASHRAE London Canada Chapter".
- 3) Return to:

ASHRAE London Canada Chapter

Name \_\_\_\_\_

Company \_\_\_\_\_

Business Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_  
\_\_\_\_\_

Home Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone \_\_\_\_\_  
\_\_\_\_\_

Membership Type

London Chapter \_\_\_\_\_ \$110.00

Out-of-Town \_\_\_\_\_ \$ 40.00



### Board of Governors

PRESIDENT	Tom Drennan Jr.	453-9100
VICE-PRESIDENT	Darryl Boyce	661-3301
SECRETARY	Owen Glendon	679-8660
TREASURER	Peter Ziebart	681-1390

### Committee Chairman

CRC (DELEGATE)	Tom Drennan Jr.
CRC ACTION	Greg James
EDUCATION	John Reid
ENERGY MANAGEMENT	Peter Ziebart
MEMBERSHIP	Bill Reynolds
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# SEPTEMBER MEETING

Highland Golf & Country Club  
279 Commissioners Rd. East - London, Ontario

## Monday, September 24th, 1990

Reception — 5:30  
Dinner — 6:30  
Program - 8:00

**OUR SPEAKER**  
Derek Macartney — Trigen - London  
District Energy Corporation

### October Meeting

This month, Mr. Chris Korzycki will present the topic "Direct Digital Control - The University of Western Ontario Approach".

#### His presentation will cover:-

- \* SYSTEM SUPPLIER SELECTION PROCESS
- \* SYSTEM EVALUATION
- \* WIRING TECHNIQUES
- \* U.W.O. INSTALLATION CREW
- \* NEW DDC PROJECTS - CONSULTANTS/CONTRACTORS/U.W.O. TEAM APPROACH
- \* SYSTEM COMMISSIONING

Mr. Korzycki has been very active in the implementation of Control System Upgrades on Western's Campus.

### November Meeting -

#### Spouses Night

Tentative arrangements have been made for a "Murder Mystery Night" at the Marienbad Restaurant. The date is Monday, November 19th, 1990. Dinner and entertainment will cost \$35<sup>00</sup>/member couple and \$50<sup>00</sup>/non-member couple.

### February Meeting

#### LD.C.A. Trade Show

Exhibition booths are still available for the 1991 London & District Construction Association Trade Show.

This year the program will be extended to include an awards presentation recognizing "Innovative Building Designs".

Last year local ASHRAE Chapter members were very active at this event. Let's get out there and participate again this year!

### In Sympathy

The ASHRAE Board and Membership extends deepest sympathy to Ron Granger (Past President) in the sudden loss of his wife Marijke.

A horse can't pull while kicking,  
This fact I merely mention;  
And he can't kick while pulling,  
Which is my chief contention.  
Let's imitate the good old horse,  
And lead a life that's fitting;  
Just pull an honest load, and then  
There'll be no time for kicking!



I have been driven many times to my knees, by the overwhelming conviction that I had nowhere else to go. My own wisdom and that of all those about me seemed insufficient for that day! ABRAHAM LINCOLN

When a man feels sure he is free from temptation, it's a sure sign he should be on his guard.

\* \* \*

Take two coins that look exactly alike. One is genuine, the other is counterfeit. How can you tell them apart? The secret service men tell us we should throw them on a table. The coin that doesn't bounce is counterfeit. The coin that bounces is the real thing.

Life tests men in the same way—by their bounce! The men who do not possess real worth, quit. The men of value bounce. Lincoln was defeated many times, yet always bounced back and finally bounced into the White House. Edison failed many times in his effort to invent the incandescent lamp, yet he always bounced back and tried again—and finally he won. In the Hall of Accomplishment, you'll find inscribed the names of the men and women who bounced.

\* \* \*

Opportunity knocks, but temptation kicks the door down. Opportunity knocks only once; temptation leans on the doorbell.



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# OCTOBER MEETING

Highland Golf & Country Club  
279 Commissioners Rd. East - London, Ontario

## Monday, October 29th, 1990

Reception — 5:30  
Dinner — 6:30  
Program - 8:00

OUR SPEAKER  
**Mr. Chris Korzycki**  
University of Western Ontario

### **Murder Mystery Dinner Theatre**

Join us Monday, November 19, for a fun night at the "Who-Done-It Dinner". The Chapter has reserved the Marienbad Restaurant for cocktails at 6:30 and Dinner at 7:00. The cost for Chapter Member couples is \$35.00/couple, \$50.00/couple for non-members. Please forward your remittance to Peter Ziebart, 521 Colborne Street, London, Ontario N6B 2T6.

### **January Meeting**

The January meeting topic is yet to be determined - any suggestions - call Darryl Boyce or Tom Drennan.

### **February Meeting**

We are still scheduled to meet at the LDCA Trade Show Luncheon. Local Architects, Consultants, Contractors and Owners are being invited. Please plan to attend to support ASHRAE in the local building community.

### **March Meeting**

Dr. Mathers, Dean of Engineering of The University of Western Ontario, will discuss the future of Engineering and the effects of declining enrollment.

### **April Meeting**

Plans are tentatively set for an open forum on the new ASHRAE Standard 90.1 "Energy Efficient Design of New Buildings".

We hope to include a local Architect, Consulting Engineer, Contractor, Owner, etc. in the Panel.

If you have suggestions as to participants or wish to be involved, please contact a Committee Chairman.

### **Board of Governors**

I would like at this time to ask you to consider sitting on the Board of Governors.

The next Board of Governors meeting is 4:45 p.m. Monday, January 7th, 1991 at the Highland Country Club and I would invite anyone who is interested to please attend.

Tom Drennan  
President

### **Quips and Quotes**

You will notice that no Non-ASHRAE "Quips or Quotes" appear in the newsletter. The printer in recent months, has inserted these tidbits at their discretion.

Please help fill in the newsletter gaps with letters, news, technical data, conference information, etc. related to ASHRAE. If you wish to add to the newsletter, please feel free to do so.





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VICE-PRESIDENT  
SECRETARY  
TREASURER

Tom Drennan Jr.  
Darryl Boyce  
Owen Glendon  
Peter Ziebart

453-9100  
661-3301  
679-8660  
681-1390

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# NOVEMBER MEETING

## "Murder Mystery Dinner Theatre"

Marienbad Restaurant  
122 Carling St. (downtown) - London, Ontario

**Monday, November 19th, 1990**

Cocktails — 6:30  
Dinner — 7:0

### **January Meeting**

Peter Golem is our January speaker. He will discuss "Indoor Air Quality, Health and Energy Conservation". Peter will include as part of his presentation, the ASHRAE slide show on this topic.

The objective of the presentation is to discuss the affect of indoor air quality on the health and comfort of building occupants, to relate effective methods of regulating indoor air quality while conserving energy, and to provide solutions to common indoor air quality problems.

### **February Meeting**

A regular meeting will be held in addition to our participation at the London and District Construction Association Awards Dinner. The speaker and topic for February has not yet been determined.

### **"Technical Sessions"**

Beginning with the January 28th meeting, the chapter will present 5:30 "Technical Sessions" which will take the form of a presentation/workshop on a technical subject, followed by a question and answer period. The sessions are intended to provide technical data to interested Chapter members and guests. The January "Tech Session" topic is "Ammonia - A Tool To Respect".

The February "Tech Session" topic is "Air Diffuser and Grille Selection" by Walter Deans of E. H. Price. Future topic suggestions are Fan and Pump Selection.

The sessions will be held in the Lower Level Meeting Room at the Highland Golf and Country Club. Please show your support by attending.

Any suggestions for topics? See Tom Drennan or Darryl Boyce.



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# JANUARY MEETING

Highland Golf & Country Club  
 279 Commissioners Rd. East - London, Ontario

**Monday, January 28th, 1991**

Technical Session — 5:30  
 Dinner — 6:30  
 Program — 8:00

OUR SPEAKER  
 Mr. Peter Golem  
 Chorley & Bisset Ltd.



### **February Meeting**

This month Bob Young of the Ministry of Energy will be our guest speaker. His topic is "Where Are We Going With Energy Standards?". Bob is the Program Officer with the Energy Efficiency Section of the Ministry. We look forward to his informative view of the Energy directions of our Industry.

### **February Tech-Session**

The ASHRAE instructional video "Fan Selection And Application" will be shown. Bring your knowledge and questions for an active discussion.

Please remember that the session starts at 5:30.

### **March Meeting**

"Industrial Orientation of Engineering Programs at the University of Western Ontario" will be the March Meeting discussion topic.

Dr. R. M. Mathur, of the Faculty of Engineering Science, University of Western Ontario will be the presenter.

### **Innovative Design Awards**

Three London Area building design teams were honoured for their contribution to local architecture.

### **Design Award Winner**

- Project —Former Oxford County Jail -  
Recycling and Expansion Project  
Architect —Carlos Ventin  
Mechanical and —Smylie and Crow Ltd.  
Electrical Engineers —Hastings and Aziz Limited  
Structural Engineers

### **Awards of Merit**

- Project —Parkwood Hospital  
—Western Counties Wing  
Architect —Tillmann/Ruth Architects  
Electrical Engineers —Chorley & Bisset Ltd.  
Structural Engineers —Hastings and Aziz Limited  
Project —Huron County Museum  
Architect —Christopher Borgal

### **LDCA Trade Show**

This year's Trade Show was a smashing success with over 1,000 attendees. The Trade Show continues to be an excellent forum to display available equipment and local talent in our industry.

The London Chapter thanks Grant Miles for his continued effort on the Trade Show Committee.

**Increase Your Professional Knowledge -  
Help Your Chapter Earn PAOE Points -**

**Attend ASHRAE's  
Professional Development Seminar (PDS)**

**"Simplified Energy  
Calculations"**

**May 2-3, 1991**

**in  
Ottawa**

For a complete program brochure and registration information contact Marietta Henry at ASHRAE Headquarters (404-636-8400).



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# ENERGY MANAGEMENT NIGHT

Highland Golf & Country Club  
279 Commissioners Rd. East - London, Ontario

## Monday, February 25th, 1991

Technical Session — 5:30  
Dinner — 6:30  
Program — 8:00

OUR SPEAKER  
Mr. Bob Young  
Ministry of Energy

### **March Meeting**

This month's Chapter Meeting Speaker is R.M. Mathur, Ph.D. Dean, Faculty of Engineering, University of Western Ontario.

His topic is "Industrial Orientation of Engineering Programs at the University of Western Ontario."

### **March Technical Session**

Walter Deans will discuss "Selection of Air Distribution Products". The session will start at 5:30 p.m. in the Dining Room.

### **April Meeting**

The speaker for April has not been confirmed. A possible topic is the new ASHRAE 90.1 Guide Line.

The April Chapter Meeting will be "Membership Night". Guest meals will be reduced to \$10.00 and we encourage all members to introduce someone to ASHRAE.

### **Ashrae Research**

The board of Governors have voted in favour of making a Chapter donation of \$100.00 to ASHRAE research. Current Chapter bank balances are very good, with a further \$3,000.00 anticipated revenue from the L.D.C.A. Trade Show.

### **Newsletter**

Efforts are being made to get the Newsletter out to you earlier this month. The Board of Governors meetings will now be held a week earlier each month to speed up the process.

The newsletter will continue to be sent out by mail.

**Let us know if our efforts are working!**



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# March Chapter Meeting

Highland Golf & Country Club  
 279 Commissioners Rd. East - London, Ontario

## Monday, March 25 1 9 9 1

Technical Session — 5:30  
 Dinner — 6:30  
 Program - 8:00

OUR SPEAKER

**Dean R. M. Mathur**  
 University of Western Ontario

### **April Technical Session**

The tentative topic for the April Tech Session is "World of Alternative Fuels." Charles Clemance will be the Moderator.

### **Membership Night**

This meeting, we encourage the membership to invite guests. Guest meal prices will be only \$10.00/person this meeting.

### **April Meeting**

We are very fortunate to have Tom Tamblyn of Engineering Interface as our April guest speaker.

Tom's topic is "What Building Owners and Designers should know about ASHRAE Standard 90.1. Is the Industry Prepared?"

We highly suggest that all members attend, as the new Standard will impact all facets of our industry.

### **May Meeting**

The May Meeting is "Refrigeration" Night.

The Topic and Presented have not been chosen. Any suggestions?



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# MEMBERSHIP NIGHT

Highland Golf & Country Club  
279 Commissioners Rd. East - London, Ontario

## Monday, April 29th, 1991

Technical Session — 5:30

Dinner — 6:30

Program - 8:00

**OUR SPEAKER**  
Mr. Tom Tamblin  
Engineering Interface





REFRESHMENTS

PRIZES

DINNER

**ASHRAE**

# **Golf Tournament**

THAMES VALLEY GOLF COURSE

# **Monday, June 24, 1991**

GOLF & DINNER — \$45.00

DINNER (6:00 p.m.) — \$20.00

TEE OFF TIMES (10:00 to 12:00) — LIMITED SPACE

For Reservations Call - Palsar Enterprises  
471-9382



**PRIZE DONATIONS WELCOME**

Sponsored by: **BARTLEY HEATING**

### **May Meeting**

Dennis Kozina of Copeland Inc. will discuss new refrigerants and the impact on compressor design.

### **May Technical Session**

Peter Ziebart will present "Electric Motors" with emphasis on modern design - high efficiency.



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# REFRIGERATION NIGHT

Highland Golf & Country Club  
279 Commissioners Rd. East - London, Ontario

## Monday, May 27th, 1991

Technical Session — 5:30  
Dinner — 6:30  
Program - 8:00

OUR SPEAKER  
Mr. Dennis Kozina  
Copeland Inc.