

## Meeting Dates

Monday, September 25, 1989  
Monday, October 30, 1989  
Monday, November 27, 1989  
Monday, January 29, 1990  
Monday, February 26, 1990  
Monday, March 26, 1990  
Monday, April 30, 1990  
Monday, May 28, 1990

## President's Message

On Monday, September 25th we will be having our first Chapter Meeting for the 1989-90 Season. I'm sure your summer was enjoyable and you are looking forward to getting back into ASHRAE London Chapter activities. Your Board of Governors met on September 5th and is starting to lay out our plans for the coming year.

It will be hard to match the level of activity that occurred in our Chapter last year, ie. hosting the Region II CRC, LDCA Tradeshow Participation, April Air Quality Seminar etc., however we are planning another year of interesting activities.

In addition, our top priorities for the year will be to encourage growth in our membership and encourage the active participation of our present Chapter Membership. To this end we have left the price for full year membership (meals included) at the same price as last year (\$110.00) despite a large increase in our costs. Individual meal prices had to be raised to \$20.00. Therefore coming out to every Chapter Meeting is not only fun and educational but it is now a bargain as well!!!

Please let us know if you have any ideas to help us encourage new membership and make participating in London Chapter Activities more rewarding.

## London Chapter Meeting: Mon., Sept. 25th

Our September Meeting will feature speakers from MacLaren Engineering, presenting an outline of an advanced fluidized-bed incineration plant recently installed at the Greenway Pollution Control Centre.

Speakers are:

**John F. Myatt** - an environmental engineer and project manager in MacLaren's London office, responsible for contract administration.

**Guy J. Coururier** - a mechanical engineer in MacLaren's Toronto office involved in the design and commissioning of the heating and cooling aspects of the incinerator installation.

The Greenway installation is one of the world's largest fluidized-bed systems and incorporates many innovative approaches including:

- Enhanced sludge to improve the energy efficiency of the incineration process
- "Hot-windbox" preheat system to improve energy efficiency
- Inlet to outlet flue gas heat exchanger
- a scrubber water heat recovery system

— a free-cooling system to maintain the building at reasonable temperature levels under difficult summer operating conditions, by recirculated building air over large cooling coils fed by cool plant effluent.

## Chapter Membership

### Annual Dues:

Full Member	\$110.00 including meals
Out-Of-Town Members	40.00 plus \$20.00/meal
Student Members	20.00 plus \$ 7.50/meal
Guests	20.00/meal

Please fill in the enclosed application and reply as soon as possible.

**"YOUR SUPPORT IS APPRECIATED".**

## Research Promotion

Last year, through the efforts of Peter Golem, the Chapter raised \$4,176.00 for Research activities. This exceeded our goal of \$3,500.00 set for the Chapter. If you have read *'insights'* you will know that the total given at Society level was just over \$1,000,000.

However good last years performance was, this year will need to be that much better. Our goal for this coming year is \$5,000.00.

Reaching this objective will require more support from each member of the London Chapter, both in time and money. I will be looking for more personal involvement from the individual members as well as expanded contacts in the industrial and commercial sectors.

Thank you Peter, for your efforts and success last year. And for the coming year, I look forward to the larger challenge ahead of all of us.

C. S. Clemance

Research Promotion

## Energy Award

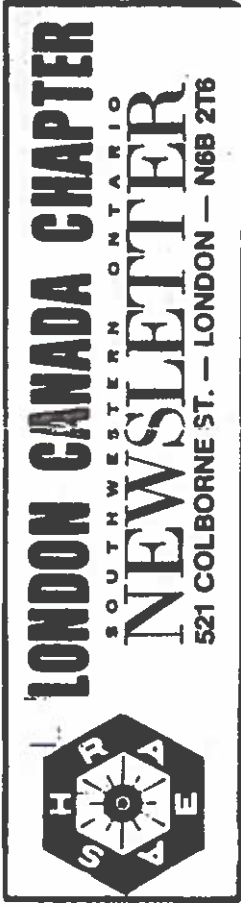
Congratulations to Smylie and Crow Associates Ltd., recent recipients of Ontario Hydro's "Energy Efficiency Award of Distinction for Commercial and Industrial Building Design".

They designed a hydronic heat pump system for the Mississauga Novotel Hotel which operates at very low costs. The system incorporates heat recovery from a number of sources.

This project will be submitted for the 1989-1990 Ashrae Energy Awards program.

## Recognition

On September 28th between 5:30 and 8:30, the London and District Construction Association will be presenting "An Evening of Recognition". Nineteen people will be recognized for contributions made in the development and preservation of the interests of the construction industry. One of the 19 will be our own Cliff Morrison. The event takes place at the London Art Gallery. Tickets are \$20.00 and can be obtained from the LDCA office (433-3428).



VOLUME No. 18

No. 8

### Board of Governors

PRESIDENT	Greg James	681-1221
VICE-PRESIDENT	Tom Dreinan Jr.	453-9100
SECRETARY	Darryl Boyce	661-3301
TREASURER	Owen Glendon	679-8600

### Committee Chairman

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88 - 89	Charles Clemance

# SEPTEMBER MEETING

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

## Monday, September 25th, 1989

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

OUR SPEAKERS  
J.F. Myatt — MacLean Engineering  
G.T. Couturier

## October Meeting

We are fortunate to have our own Donald Johnson as this month's guest speaker.

Don's topic is, "Spreadsheets for the Nineties - Past, Present and Future".

Through the use of a graphics monitor connected to an overhead projector, Don will demonstrate (live!):

- setting up a small spreadsheet
- linking of numerous spreadsheets
- simultaneous viewing of multiple spreadsheets
- bar and 3-D graphics
- ASHRAE cooling/heating calculations using spreadsheets

The talk should prove interesting for anyone doing engineering calculations, estimates and/or business accounting.

## Future Meetings

November .....	Ladies' Night
January .....	Past Presidents' Night
February .....	Energy Management Night
March .....	Students' Night
April .....	T.B.A.
May .....	Technical Tour

## Proud Papa

Congratulations to the Ziebart's on the birth of their 8 lb., 8 oz. baby girl, Caroline Sabrina Clara.

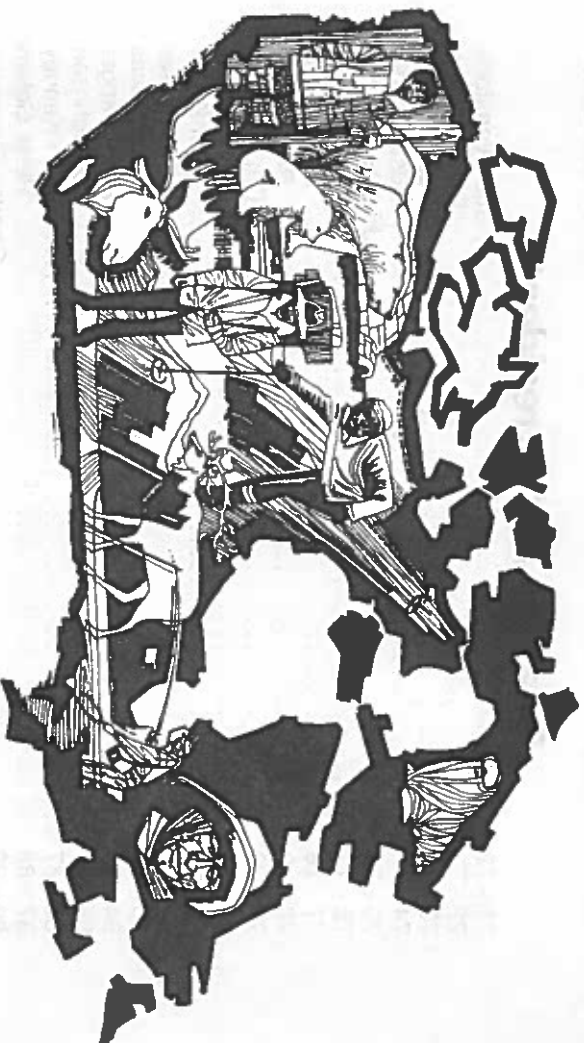
## Memberships

Thanks for your prompt replies for payment of this year's memberships. About 50% have been received to date.

We are now updating the membership roster. Please send in your memberships to ensure a spot in the roster.

## Annual Dues

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





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 88 - 89 Charles Clemance

# OCTOBER MEETING

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

## Monday, October 30th, 1989

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

**OUR SPEAKER**  
 Don Johnson — The University of Western Ontario

### **November Meeting "Night on the Town"**

The telephone recruiting crew is busy taking reservations for dinner and show at Second City. Please bring your other half on TUESDAY, November 28th to see the current show "Pattigate, Pattigate, All The Premiers Men". The fun starts at 6:00 p.m.

Dinner and show (less refreshments) is \$40.00 per couple. We ask that the admission please be forwarded prior to the meeting date. Address your payments:

ASHRAE London Canada Chapter  
521 Colborne Street  
LONDON, Ontario  
N6B 2T6

### **Joint London-Windsor Chapters Meeting**

As Greg James mentioned in the October Meeting, Windsor Chapter has invited London members to a joint chapter meeting to be held in Chatham. This meeting will be held at Smitty's Restaurant, Grand Avenue West, Tuesday, November 21st at 6:00 p.m. Speakers from Union Gas will discuss the "Ontario Gas Utilization Code". Rides to the meeting are being coordinated.

### **Future Meetings**

Topics for the remaining 1989/90 meetings have been tentatively set.

### **December**

No meeting.

### **January**

"Mechanics Lien Act/Canadian Construction Documents".

The latest information presented by Phillip Squire of "Crawford Kew & Squire" Barrs.

### **February**

Ontario Hydro will present its plan for "Major New Energy Sources for the Province".

### **March**

Our own Kirk Flowers will inform us of current Makeup Air/Heat Recovery/Kitchen Exhaust Methods.

### **April**

The Chapter again plans to sponsor a Multi Speaker Seminar. This year we will deal with "CFP's" and the HVAC industry.

### **May**

Possibly a visit to the Ingersoll "Carni" Facilities.



### **January Meeting**

Mr. Phillip Squire of Crawford Kew & Squire Barristers will discuss the Construction Liens Act and Canadian Construction Documents.

### **February Meeting**

Peter Ziebart will discuss Ontario Hydro's "Future Electrical Power Supply Plan for Ontario". The presentation will include a video, question and answer period and handout briefs.

### **March Meeting**

Kirk Flowers will inform us of current makeup Air/Heat Recovery/Kitchen Exhaust Methods.

### **April Meeting**

To be announced.

### **L.D.C.A. Trade Show**

The Chapter is looking for volunteers to represent ASHRAE at this years Trade Show. Please phone Greg James, (519) 681-1221, if you can spare some time on February 13, 1990.

### **Membership**

The Chapter has received by the new year, 48 renewed and new memberships. The Board of Governors thanks you for your prompt response.

We wish to welcome the new members:

Joe Claessens  
Alex Cray  
Brad Derneau  
Buck Higgins  
Michael Homer  
Brenda Stonehouse



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**JANUARY MEETING**

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

**Monday, January 29th, 1990**

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

**OUR SPEAKER**

Phillip Squire — Crawford Kew & Squire



### **February Meeting**

Peter Ziebart will discuss Ontario Hydro's "25 Year Demand/Supply Plan". The presentation will include a video, handouts and questions and answer period.

Peter will touch on the following:

- ...Nuclear and fossil generation and future needs
- ...Combustion turbine units
- ...Environmental impact

Please note the enclosed "Balance of Power" brochure.

### **March Meeting**

Kirk Flowers will present the current state of the art in Air/Heat Recovery/Kitchen exhaust methods.

### **April Meeting**

John Smales of DuPont will discuss refrigerants and the latest CFC concerns and regulations.

### **Past Presidents' Night**

Greg James has invited London Chapter past Presidents to our February meeting. Please come out to welcome our past officers.

### **Heating, Ventilating and Air Conditioning Centre**

Professor John Tarasuk of The University of Western Ontario, is proposing to establish a Centre of Education and Research in HVAC.

This facility would provide a Resource Centre to Consultants and the industry. The program is looking for experienced individuals for Teaching/Tutoring positions.

Professor Tarasuk will briefly outline his plans and requirements at our February meeting.



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# FEBRUARY MEETING

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

## Monday, February 26th, 1990

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

OUR SPEAKER  
Peter Ziebart — Ontario Hydro

### **March Meeting**

Kirk Flowers will discuss the state of the art in Kitchen Exhaust and Make-up Air Systems.

### **April Meeting**

John Smales of DuPont Canada will present the current regulations and advancements in the handling of CFCs.

### **May Meeting**

Tentatively, we will visit the CAMI Plant in Ingersoll.

### **L.D.C.A. Trade Show**

The L.D.C.A. Trade Show was a smashing success. ASHRAE member involvement was high. Many thanks go to Grant Miles for all of his work for this special event.

*The other night after I had made my speech, I was standing with the president of the association at the door of the dining room shaking hands with the people as they were leaving. Everyone had something nice to say about my speech until the last man who finally shook my hand. As he did, he said, "I think that was the worst speech I ever heard and whoever invited you to speak tonight should be put out of the organization!"*

*Of course, my feelings were hurt. But the president was the one who got upset. He was terribly embarrassed and said to me, "Don't pay any attention to what that fellow said. He's considered to be a half-wit. He's never had an original thought in his life. All he does is stand around listening to what other people say and then he repeats it everywhere he goes!"*

*A man of 86 had always dreamed of reaching 100. Last summer he went for his annual checkup and the doctor told him that he would have to give up drinking and smoking.*

*"And then will I live to be a hundred?" he asked the doctor.*

*"I can't guarantee that," the doctor said, "but it will sure seem like it!"*

*A speaker had been invited to the big city and was very favorably impressed with his hotel. Being afraid he wouldn't tip the bell man properly he enquired what was the average tip in this hotel.*

*The bell man told him it was six dollars, so not wanting to look cheap, he gave the man six dollars. "If six dollars is the average tip here, and with all of the conventions that come here, you must be getting rich."*

*"No," he said, "All the time I've worked here, this is the first average I was ever able to get!"*



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# MARCH MEETING

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

**Monday, March 26th, 1990**

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

**OUR SPEAKER**  
Kirk Flowers

## **Golf Tournament**

This year's ASHRAE Golf Tournament will be taking place at Fanshawe Golf & Country Club on Tuesday, June 12th. Tee off times are between 9:30 a.m. and Noon. Dinner will be served at 5:30 p.m. Tickets are \$40.00 for green fees and dinner. Call Hugh Palser soon at 471-9382 to book your foursome as space is limited to 68 golfers.

There are 15 carts available for rent from Fanshawe Golf and Country Club (455-2770) on a first come first served basis.

You've tried hitting

down and through

Now try sweeping

it.



*Do not look for your tracks upon  
time's great highway.  
But bravely push onward to open  
wisdom's store.  
Do not stop to enjoy the cheers along  
the way.  
But rush on with God's undying  
guidance to explore.*

*Struggle to keep yourself and never  
inlitate.  
And don't give up to see what other  
people are saying.  
Rush on ahead to claim the world's  
treasurers—don't wait.  
Keep ignoring the confused crowd,  
and keep praying.*

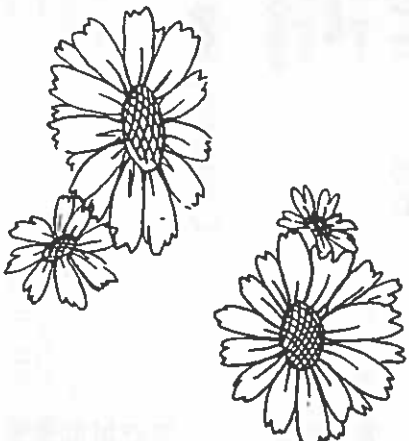
*Push on; don't you give up to just do-  
ing your part.  
Toil long and do the best work in all  
that you do.  
Master each obstacle as if you're at the  
start.  
And die not knowing what the world  
thinks about you.*

## **April Meeting**

We are very fortunate to have Mr. John Smales back again as our guest speaker. As you remember, John is an entertaining and informative speaker. He will discuss the current state and concerns with CFL regulations and research.

## **May Meeting**

The Board of Governors is working feverishly to land an interesting tour for the May meeting. We will keep you posted.





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# APRIL MEETING

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

**Monday, April 30th, 1990**

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

**OUR SPEAKER**  
John Smales — DuPont

**May Meeting  
U.W.O. Wind Tunnel Tour**

Recently, the Wind Tunnel group has been involved in a number of projects directly related to our industry. Exhaust Stack flow pattern tests have been made. A formal presentation has been prepared to present the results. This topic and tour would be of interest to many of our Clients and Customers, particularly in the Industrial/Institutional sectors. Please invite guests to this very informative evening.

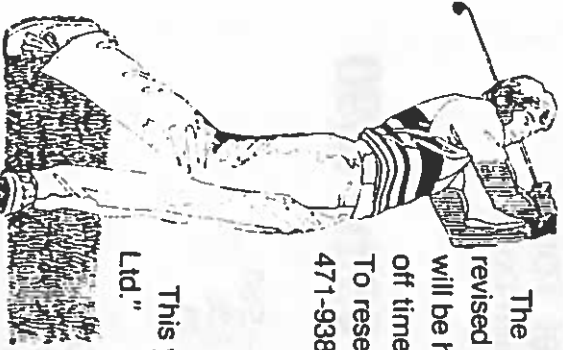
The dinner will be held at the University Club, Sommerville House at 5:30. The tour is within walking distance of dinner.

**1990 ASHRAE Golf Tournament**

The 1990 Golf Tournament date has been revised to Monday, June 25th. This year the event will be held at the Thames Valley Golf Course. Tee off times are from 9:30 to 12:30. Dinner is at 5:30. To reserve your spot, please call Hugh Palser at 471-9382. Call early as space is limited.

Golf and Dinner — \$40.00  
Dinner only — \$20.00

This year the Event sponsor is "Carrier Canada Ltd."



**1991 CRC**

The program has been finalized for the 1991 CRC, to be held in Montreal.

The conference begins on Wednesday night, August 22nd and runs through to Saturday, August 25th.

Accommodations are at "Hotel Chateau Champlain". Cost is \$110.00 per night. Conference fees have been set at \$185.00 per delegate and \$145.00 per companion.

**April Meeting**

John Smale of DuPont informed us of the current slate of affairs with regards to CFC Control Guidelines and Research/Manufacturing. His presentation was very timely, topical and informative. Unfortunately, this meeting was poorly attended. We look forward to seeing more of you for the Wind Tunnel Tour.



**LONDON CANADA CHAPTER**  
 S O U T H W E S T E R N O N T A R I O  
**NEWSLETTER**  
 521 COLBORNE ST. — LONDON — N6B 2T6

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**MAY MEETING**

Wind Tunnel Tour  
 University of Western Ontario

**Monday, May 28th, 1990**

Reception — 5:30  
 Dinner — 6:30  
 Tour — 7:30

**DINNER**

University Club - Sommerville House  
 University of Western Ontario