

Capital Communiqué

AMERICAN SOCIETY OF
HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS

SEPTEMBER 1997

PROGRAM

DATE: September 16, 1997

THEME: CHAPTER'S 45TH ANNIVERSARY

SPEAKER: DR. KEN MONEY

SUBJECT: MANNED SPACE FLIGHT

Dr. Ken Money is a physiologist. He has published 110 scientific articles and is the World Book Encyclopedia author for six different topics and the Microsoft Encarta author for one topic. He has made contributions to knowledge of the inner ear, motion sickness, pilot disorientation, biological effects of spaceflight, effects of alcohol, and other areas of science.

He received his BA, MA, and PhD degrees from the University of Toronto and continues with lifelong learning. He frequently works as a consultant to NASA and has been a coinvestigator in experiments on six Space Shuttle missions. He served as a Canadian astronaut from 1984 to 1992 and was Spacelab Payload Operations Controller for a Spacelab flight in 1992. He was also the alternate astronaut for that Human Factors Committee for the Mars mission, in the International Academy of Astronautics.

Humans are beautifully adapted to conditions on the surface of the planet Earth. We have been here not only for our lifetimes but also for all of the evolutionary development. We were formed by the past of planet Earth. Living in space is possible only because we can take with us into space certain essential parts of the Earth: some air at the appropriate temperature and pressure, water, food, carbon dioxide removal capacity, waste-removal capacity, and companions. The biological problems of spaceflight are the results of the prolonged absence of certain parts of Earth that we cannot take with us into space: Earth's gravity, Earth's radiation shield, Earth's spaciousness, and our favorite companions (spouse, children and close friends). We can deal with these problems, and we are economically and technically capable of creating Earth-independent colonies, because we lack the biological mechanisms (the motivation) to support living away from mother Earth. Why, then, are people flying in space and why are governments paying for it?

MENU

Basic Chapter Members (no meal plan) - \$45

Chapter Meal Plan Members (this is considered one of your meals) - \$0

Guests - \$50

Students - \$30

Cream of Broccoli Soup, Supreme of Grainfed Chicken

Apple and Cream Cheese Studel, Coffee and Tea

SOCIAL - 18:00 Hrs

DINNER - 18:30 - 20:00 Hrs

PROGRAM - 20:00 Hrs

Canadian Museum
of Civilization
Restaurant - Asticou

1997-98

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Paul Baker

Special Events

Chris Healey

Communiqué

Rod Lancefield

Publicity

Rhonda Legault

Table Top

Randy Cavill

Telephone

Cathy Godin

Greeters

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Roster

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PRESIDENT'S MESSAGE

I am honoured to announce that ASHRAE President Donald Holte will be present to help us celebrate our 45th Chapter Anniversary this September 16, 1997.

For this celebration, the Board of Governors is planning a special chapter evening. The evening will start with a movie at the OMNIMAX theater, followed by cocktails and dinner along the water in the Canadian Museum of Civilization restaurant called the Asticou Center.

The planned program speaker is a former Canadian Astronaut, Dr. Ken Money. We have a fantastic program planned for you this year and I look forward to serving as your President.

Your President,
Karen Peck, P.Eng.

TECHNICAL SESSION

LOCATION: Omnimax Theatre - Canadian Museum of Civilization

WHEN: September 16, 1997 from 5:00 - 6:00 p.m.

CHARGE: NONE \$0 \$0 \$0!

DESCRIPTION: Come see the Omnimax film "To The Limit". It's a thrill - packed film exploring the limits of human physical performance and achievement. Behind the Screen . . . The Omnimax Dome . . . The hemispherical, domed screen is 23m in diameter with a surface of 2,895 sq. m. It is made of 343 aluminum panels riveted to aluminum ribbing. The image on the screen covers 80 percent of the dome: 180 degrees horizontally and 120 degrees vertically. Weighing 8,600 kg, the screen moves from the top of the theatre down and over the audience like a closing eyelid. The mechanics moving the Omnimax dome into place hoist the curved screen at a speed of 5 m/min.



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MEMBERSHIP PROMOTION NIGHT

The September meeting is an official MEMBERSHIP PROMOTION NIGHT. I would encourage all members to bring a guest to the fantastic dinner meeting at the Museum of Civilization and discover the benefits of being an ASHRAE member. We will have samples of the journal, insights and handbooks for their perusal. As an ASHRAE member you know the benefits, next time your talking to a potential member tell them why you joined, seminars, technical information, networking, programs, publications, standards and great chapter events. If your career is in the HVAC&R industry how can you not afford to be involved with one of the worlds leading society in the HVAC&R industry.

45th ANNIVERSARY GOLF SHIRTS

ASHRAE Ottawa Valley Chapter 45th Anniversary golf shirts are available for purchase at \$35 each. Sizes XL, XXL, XXXL only. Contact Cathy Godin at 226-1810 if you are interested.

CRC '97

CRC '97 was held August 14-17 in Burlington and hosted by the Hamilton Chapter. All nine ASHRAE chapters from the 'all Canadian' Region 2 were well represented. Many issues concerning our Region were discussed and every opportunity was taken to interact with Society representatives. CRC is a great forum to observe how grass roots ideas from the chapters level can be communicated to Society Headquarters. Next summer's CRC will be in Moncton, New Brunswick and promises to be a great party mixed in with ASHRAE business and politics. Plan to attend!

TABLE TOP DISPLAY

Please contact Randy Cavill at tel. 225-9774 for information on displaying your products at future meetings.

1997 ASHRAE GOLF TOURNAMENT

The 1997 ASHRAE Golf Tournament was held this past August 7/97 at the Manderley Golf Club. Unlike the previous year, when it poured, the weather was excellent and everyone had a great time. The winners were: Low Gross (ASHRAE member), The Board of Governors Award: Jim Siciliano; Low Gross (Non ASHRAE Member), No Trophy Awarded: Joe Shen; Low Net, The Dunham Bush Trophy: Jim Siciliano; Contractors Award, The Mastron Trophy: Dan Besner; Engineers Award, The Jim Moore Trophy: Reg Bruce; Most Honest Golfer, the Nortec Honety Trophy: Jason McMurdo. Other winners included: Closest to the pin (Men): Glenn MacLean; Longest Drive (Men): Ron Rich; Closest to Center of Fairway (Men): Joe Pittner; Winner of all of above (Lady): Karen Peck.

Thanks to Cathy & Rhonda of Trane, Debbie & Christine of Walmar for their help and participation for the gathering of prizes and distributing the ASHRAE golf shirts. Thanks to Stan for a job well done as host, and to Manderley for a fine meal.

We would like to thank the following parties for their tremendous prize donations, if we miss anyone, we sincerely apologize: York Canada, Rocque Mechanical, Carrier Canada, Walmar Filtration, Walmar Ventilation, Breckmar Sales, Longhill Energy, ASHRAE, Modern Mechanical, Triway Sheet Metal, Alpine Insulation, Midnight Mechanical, Victaulic, Comstock Canada, Mechanical Trade Sales, Marley Cooling Tower, Danfoss Mfg. Co. Ltd., J.R. Smith Drainage Products, W.V. Technical Services, Walmar Mechanical, Airteck Sales, Wesmech Tech Sales, Klimar Agency, Total HVAC, Engineered Air, Capital Air Conditioning, Thermee Insulation, Trane Canada, Landis & Staefa, Goodkey Weekmark & Assoc., Honeywell Ltd., Dalton McIntyre Eng., Engineering Dynamics, Les Controls Methot, Penn Fans, Data Air, Alan Wylie, Danfoss, HTS Engineering Ltd. and Mastrong Mechanical.

Guy H.J. Bourbonniere P.Eng.
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ASHRAE / NIST CONFERENCE

"REFRIGERANTS FOR THE 21ST CENTURY"

ASHRAE / NIST REFRIGERANTS CONFERENCE will be held October 6-7 at the National Institute for Standards & Technology in Gaithersburg, MD.

This is just a reminder that in order to take advantage of the early registration rate, you need to register by September 12. Until then the cost is \$275, after that it is \$325.

In case you need the flyer, you can download all of the needed information, including hotel from ASHRAE's Home Page (www.ashrae.org) or can actually register "On-line" if you desire. Or, you may contact me via e-mail at bseaton@ashrae.org, via fax at 404-321-5478 or phone at 404-636-8400 and I'll send you another flyer. To register by phone, call 1-800-527-4723. Please contact ASHRAE's meeting section prior to making ground transportation arrangements as some of the information as listed on the home page has changed.

Hope to see you there.

Bill Seaton

ASHRAE - KINGSTON SECTION

Once again the Kingston section is planning a new season of meetings. Please come out Wednesday, September 17th to the "Kick off Meeting" and get acquainted with everyone interested in making this section a success.

Date: Wednesday, September 17, 1997

Place: Minos Village, 2762 Princess St., Kingston, 613-384-2021

Cost: TBA

For more information please contact J.P. Tardif at 613-933-5602

BUSINESS CARD ADS FOR ASHRAE NEWSLETTER

Your assistance would be appreciated by proofing your business card in this issue. Next month the background will be printed for the year and no changes will be made after that point. Please call Rod Lancefield at 728-7400 with any changes.



ASHRAE, Ottawa Valley Chapter Board of Governors
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