

2011/12 PROGRAMME: Christmas Dinner and Lecture

Scientists and Engineers of the Future



SPEAKER: Paul Delaney, Director, Division of Natural Science; Senior Lecturer, Department of Physics and Astronomy; Director, York University Observatory

DATE: Friday November 25, 2011

TIMING: Bar opens at 6:00 pm; Dinner will be served at 6:30 pm; Lecture starts at 8:00 pm.

WHERE: Novotel Hotel, 3 Park Home Avenue, North York, Ontario, M2N 6L3

COST: \$25 for members/guests. Cash or cheque only please

DIRECTIONS: See map below. Parking vouchers will be given at the dinner.

REGISTRATION: Contact Tony Hamilton at tony.hamilton@kinectrics.com or (647) 938-2431

OUR SPEAKER:

Paul Delaney was born in South Australia and received his Bachelor of Science degree from the Australian National University in Canberra, Australia in 1978 and his Master of Science from the University of Victoria, British Columbia in 1981. Since that time, he has worked as a nuclear physicist for Atomic Energy of Canada and a support astronomer at McGraw Hill Observatory near Tucson, Arizona. He has been a member of the Physics and Astronomy department at York University since 1986. He is the Professor and Coordinator of the campus Astronomical Observatory and since 2002 has been the Director of the Division of Natural Science. He was the Master of Bethune College, the college associated with science and engineering students from 1994 until 2005.

He is a passionate educator and delights in discussing the wonders of the universe with people of all ages. Along with his undergraduate Observing Team, he coordinates an extensive Public Outreach program in astronomy including hosting a 1 hour internet radio program "The YorkUniverse" every Monday evening. He considers himself an amateur as well as professional astronomer and has been interested in astronomy and space science for as long as he can remember. He has been the recipient of York University's Faculty of Science and Engineering Teaching Award (1991), a 'top 10' finalist in TV Ontario's Best Lecturer competition (2005), a recipient of the University Wide Teaching Award (2006) and was the winner of the Royal Canadian Institute's 2010 Sanford Fleming Medal for outstanding contributions to the public understanding of science amongst Canadians.

Modern science and engineering students have unparalleled opportunities to not only learn their craft at the university level but to engage the public in what they are doing. It has never been more essential in my opinion to ensure that the community at large is well versed and indeed excited about science and engineering research. Students can relate very well to people if they are given sufficient practice and guidance in ambassadorial roles. This talk will highlight some of the interesting projects at the York University Observatory that undergraduate and graduate students have undertaken in recent years. From refurbishing a 1960s telescope and dome to a semi automated data acquisition system controllable from over the internet to conducting tours for visitors aged 4 to 80 years, science and engineering students represent the backbone of these activities. I will also touch upon the exciting expansion of engineering at York University in the very near future.

Directions to the **Novotel Toronto North York Hotel**



From Pearson International Airport/Detroit/Windsor US Boarder:

Follow Hwy 401 (Toronto) East, exit Yonge Street North, and follow Yonge St. to Park Home Avenue, (6 traffic lights north of Hwy 401) turn left on Park Home Ave., Hotel entrance located on left.

From Eastern Ontario/Ottawa/Kingston & Quebec:

Follow Hwy 401 (Toronto) West exit Yonge St. North, follow Yonge St. to Park Home Ave., (6 traffic lights north of the Hwy 401) turn left on Park Home Ave., Hotel entrance located on left.

From Niagara Falls/ Buffalo/Rochester US Border:

Follow QEW (Toronto East (Queen Elizabeth Way) to Hwy 427 North exit Hwy 401 East., follow Hwy 401 East exit Yonge St. North, follow Yonge St. to Park Home Ave., (6 traffic lights north of Hwy 401) turn left on Pak Home Ave., Hotel entrance located on left.

From Downtown Toronto via Highway:

Follow any street southbound to Lakeshore Blvd. East, enter Gardener Expressway East to Don Valley Parkway North (also called Hwy 404 North), exit Hwy 401 West Collectors to Yonge St. North, follow Yonge St. to Park Home Ave. (6 traffic lights north of the Hwy 401), turn left on Park Home Ave., Hotel entrance located on left.

From Downtown via City Streets, Most Direct Route:

Follow Yonge St. North to Park Home Ave. (3 lights north of Sheppard Ave.) turn left on Park Home Ave., Hotel entrance located on left.

From Barrie/North Ontario:

Follow Hwy 400 South to Hwy 401 East, exit Yonge St. North, and follow Yonge St. to Park Home Ave., (6 traffic lights north of Hwy 401) turn left on Park Home Ave., Hotel entrance located on left.

3 Park Home Avenue, North York, Ontario M2N 6L3 Tel#: (416) 733-229 Fax#: (416) 733-3403

Note: Novotel is accessible by TTC subway. The subway station is NORTH YORK on Yonge Line.

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