

# News



from the Southwestern Ontario Section

November, 2004

- **Event Topic:** SAE Students' Night
- **Guest Speaker:** Doug Hakala P. Eng., Section Head - Technical Support, Imperial Oil
- **When:** Wednesday, November 17, 2004
- **Where:** Spencer Engineering Building, Room 1200 (First floor - Lecture Wing),  
The University of Western Ontario, London, Ontario



## *News from the chair* by Ruth Cooper

### *SAE students' night - always an interesting experience*

This year, the annual SAE students' night, which is usually held during November, showcases the projects currently being undertaken at the Engineering Faculty of The University of Western Ontario (UWO), London. As well as the opportunity to speak and network with the students, SAE members and guests will learn about the projects through presentations put on by the design teams. There will be four topics - Formula SAE, Mini Baja, Sunstang (solar powered vehicles) and the Flying Mustang's plane.

Also, there will be a principal guest speaker. Doug Hakala P. Eng., from Imperial Oil research, will present an illustrated talk on the engineering aspect of preparing for a Formula 1 race. Last year, Doug was involved with the Toyota F1 team and, being one of only two Canadians on the F1 circuit, has many inside stories and pictures, which should be very interesting. The behind the scenes look of a race weekend will highlight the car preparation, testing sessions, qualifying and the race itself. The tasks of the various engineers on the race team will be discussed.

# News from the Southwestern Ontario Section

Doug has been with Imperial Oil for 23 years, primarily in the Research Department. He has held a variety of positions in product formulation and technical support. From 2001 to 2003, he was the technical liaison with the Panasonic Toyota Formula 1 race team, with which he travelled to all the Formula 1 race events.

SAE members and guests are welcome to become involved with the students as advisors and mentors. Anyone interested can contact the teams directly, or attend the scheduled team meetings and worknights. The team Web sites can be found at: [http://www.eng.uwo.ca/student\\_activities.htm](http://www.eng.uwo.ca/student_activities.htm).

## **Formula SAE:**

Team worknights are Tuesday and Friday from 6:00 P.M. to 12:00 A.M. in room SEB 1076. Design meetings are every two weeks on Saturdays at 11:00 A.M.

## **Mini Baja:**

Team worknights are Wednesdays at 6:00 P.M. and Sundays at 2:00 P.M. in room SEB 1076. Meetings are set up on a non-regular basis.

## **2004 Rumbaugh outstanding student leader award**

**C**ongratulations to Alta Karpenko, who has been selected to receive the 2004 Rumbaugh Outstanding Student Leader Award, based on the nomination submitted on her behalf from Professor Robert Martinuzzi at the University of Western Ontario.

The purpose of this award is to annually identify and recognize an outstanding student leader and, through the award, encourage a vision within the recipient to become an SAE leader during his/her adult career. As a recipient of this award, Alta has demonstrated outstanding leadership skills in one or more SAE activities during her recent academic year at university.

The award was established in 2002 by Max E. Rumbaugh, Jr., past Executive Vice President of SAE (1986-2001). Through Rumbaugh's generous contribution to the SAE Foundation, the recipient of this prestigious award receives a lifetime adult membership in SAE, a gratis trip to an SAE meeting to receive the award, an award and monetary stipend, and invitations to attend SAE functions as deemed appropriate by designated SAE leaders.

The formal recognition of Alta's achievement will occur during the Honors Convocation at the SAE 2005 World Congress where she will be the guest of SAE during the week of April 11-14, 2005 in Detroit, Michigan. (For more information on the SAE 2005 World Congress, refer to the SAE Web site at [www.sae.org/congress](http://www.sae.org/congress).)

Alta was the Leader of the Flying Mustangs (CDS) - University of Western Ontario <http://uwoaerodesign.dhs.org/aerodesign/photoalbum.asp?View=197>.



<http://southwesternontario.sae.org>

# “SAE Students’ Night”

## Preparing for a Formula 1 Race: An Engineering Perspective

**Guest Speaker – Doug Hakala P.Eng.**

Section Head - Technical Support Group, Imperial Oil Research Department

### Wednesday, November 17, 2004

The University of Western Ontario  
Spencer Engineering Building  
Room #1200 (1st floor – lecture wing)  
Western Road at Lambton Drive Entrance,  
London, Ontario (see maps)

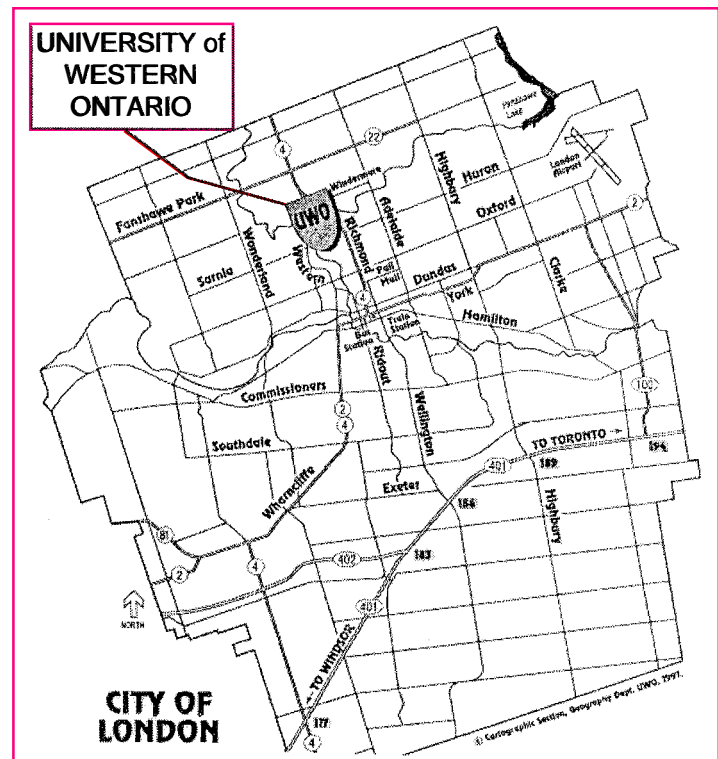
**6:00 P.M. – Reception, Refreshments  
and Networking**

**6:30 P.M. – Student Group Presentations**

- Formula SAE Project
- Mini Baja Project
- Sunstang Project
- Flying Mustangs Project

**7:30 P.M. – Guest Speaker**

**8:30 P.M. – Lab Visits to see Cars/Plane**



*If you plan to attend this event, please  
complete and send this form by fax to:*

Mr. Adri Coppens, P. Eng., PMP

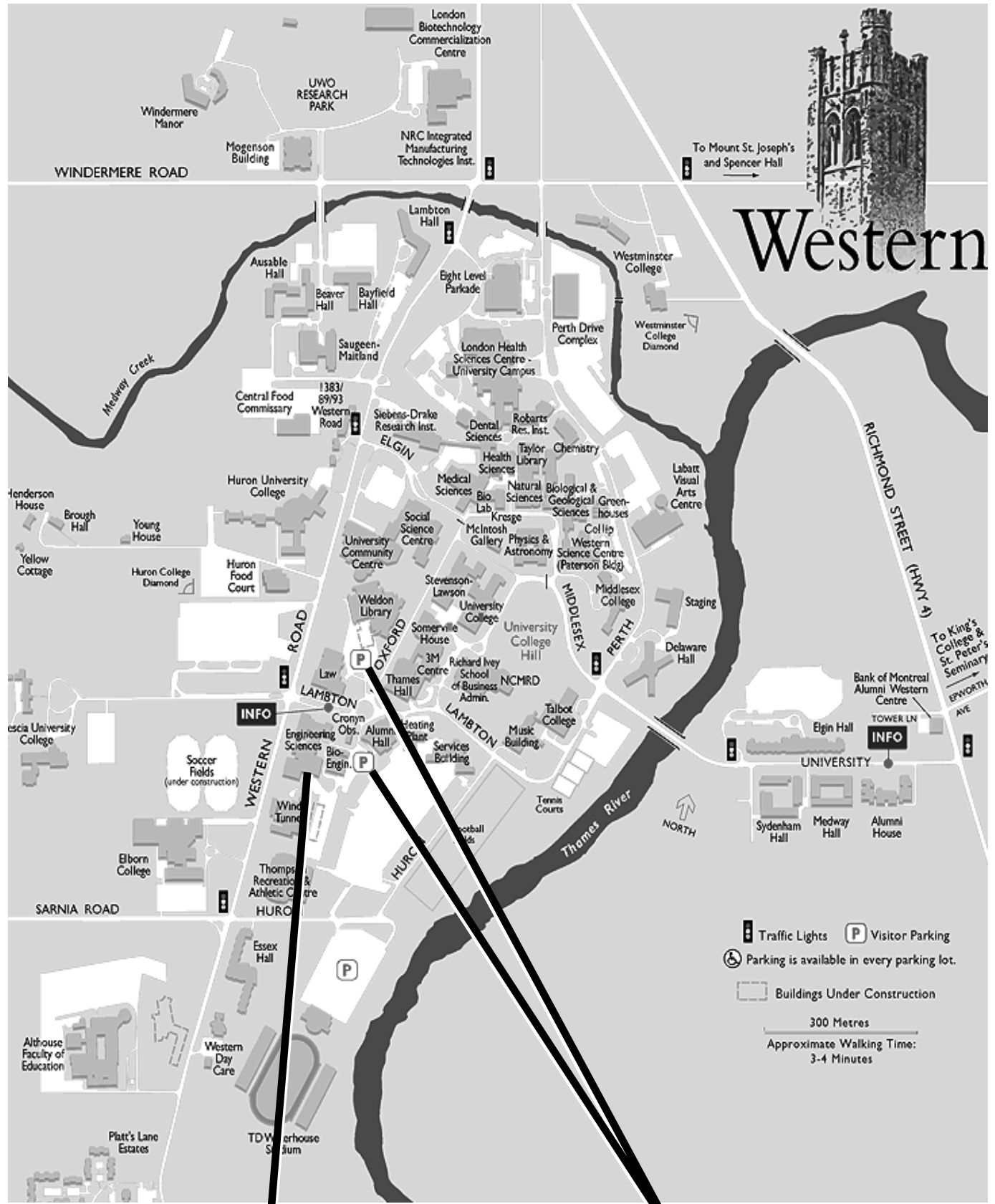
**Fax No. (519) 430-7064**

*Attention engineering managers.  
Come out and support the students;  
your future employees.*

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Spencer Engineering Building - Room #1200  
1st floor of Lecture Wing

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