



McMaster University presents:

[www.science.mcmaster.ca/cafe](http://www.science.mcmaster.ca/cafe)

# MACafé *Scientifique*

## Planetary Systems and Prospects for Extraterrestrial Life

The possibility that life exists beyond the Earth has gone from science fiction to the realization of major scientific research programmes across the world. The discovery of more than 200 planets in orbit around other stars, the realization that microbes on Earth can thrive in what were formally regarded as environments detrimental to life, the robotic exploration of Mars for evidence for water, as well as plans to look for Earth-like planets around other stars have made astrobiology one of the hottest topics in current scientific research. Join us for an exploration of these new worlds, and what they might portend for the discovery of life elsewhere in the cosmos.



**Please join us** at the next McMaster Café featuring discussion leaders:

**Dr. Doug Welch**

Department of Physics and Astronomy, McMaster University

**Dr. Ralph Pudritz**

Department of Physics and Astronomy, McMaster University

**Wednesday October 4, 2006**

**King Paisley Pub**

1019 King Street West

905-527-7533

**5:30 p.m.**



Café Scientifique is a discussion forum in an informal setting that gives people an opportunity to discuss a variety of topics in science.

Café Scientifique is not a lecture series; it is an opportunity for a group discussion, where involvement from the audience is an important ingredient.



**Research  
@McMaster**

