

# Mosaic

**Arnold Smith**, a long time diplomat, **Dr. Wilbert Keon**, a member of the team that has done five heart transplants, **Stanley Knowles**, the longest serving member of the House of Commons until his retirement last year, **Marc Garneau**, Canada's first astronaut and **Herbert Brown**, the "Father of Telidon", were among those on April 11 who received the country's highest distinction, the Order of Canada, which was presented by Governor General Jeanne Sauvé.



*Monique Vézina and Li Ke, Chinese Foreign Economic Relations and Trade Vice-Minister.*

## TECHNOLOGY

**Expo 85**, in Tsukuba, Japan, is presently bringing together the most advanced technology from all over the world. Robots steal the show, playing Bach to the Beatles, creating ice sculptures, drawing portraits and assembling cars. A high speed wheel-less train whizzes above the tracks by magnetic propulsion. TV screens — some as large as four tennis courts, others three dimensional, others located on the floor and one behind a waterfall — all demonstrate ideas for the future. Expo 85 opened on March 16, will be running for six months and is expected to draw about 20 million people. Next year it's our turn. Preparations for Expo 86 in Vancouver are well underway and it promises to be equally impressive.

**Space.** What does an astronaut do when the fuel gauge points to empty and the rocket thrusters need a tune-up? There will be no need to fly all the way back to earth because Canada is designing the first "service station" in space. As part of our contribution to a permanently manned USA space station scheduled to go into orbit in 1992, Canadian scientists will, over the next two years, be designing a "space garage". A \$30-million agreement with NASA is expected to be signed in May.

**A Second Canadian astronaut** will fly on a U.S. mission on July 15, 1986.

The U.S. has announced an ambitious space shuttle launch schedule of 41 missions in 33 months including trips by astronauts from nine countries. Senator Jake Garn (R-Utah) flew in the *Discovery* in April and an American school teacher is scheduled to go up in January 1986.

**The Popemobile** used during Pope John Paul's visit to Canada in September, 1985, has officially taken its place at the National Museum of Science and Technology in Ottawa. It is located just beneath the replica of Canadarm, the robot arm used in the space shuttles.

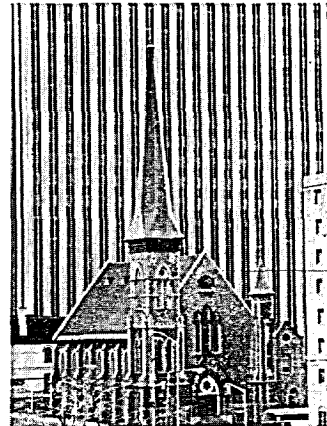


*The Popemobile and the Canadarm.*

**Robots.** People have always dreamed of having mechanical servants and they have been commercially available since the end of 1982. Why then has one prominent robot maker filed for bankruptcy, and numerous others are wondering how much longer they will last. "The reason," says Mike Higgings, editor of *Personal Robotics News*, California, "is that the personal robotics industry is about where the personal computer industry was ten years ago. Like the early computers, robots lack software programs to make them do sophisticated things, thus people are disappointed over how little the current, first generation robots can do. Just give it a little time", he says.

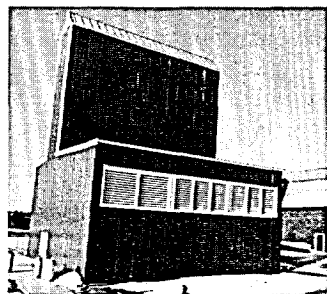
## OTTAWA-HULL

**Can this be Ottawa?** The little church nestled amongst the skyscrapers is not your usual image of Canada. But this is the scene at the corner of Laurier and Elgin — and the Ontario Conservation Review Board would like to keep it that way. They have recommended that it be designated a heritage building.



*The First Baptist Church, Ottawa.*

**The strange looking building** on Innes Road offers no clue to either its price or its function. A passerby would never guess it cost \$275 000 and will be tom down next January — just a year after it was built. Its function is to test the innovative method of natural lighting that architect Moishe Safdie has chosen to be used in the new National Gallery that is being built. Although similar systems are used in some European and English museums, none is dependent on bringing light down two storeys as this one is. The light level is being closely monitored by computer.



*A strange building*



*1984 World Culinary Olympics, Henri Dane, Hubert Scheck, Bruno Marti, Gerhard Pichler and Tony Murakami.*

And speaking of awards, Canada's five world championship chefs were awarded a special medal for outstanding service to Canada's tourist industry. **Henri Dane, Hubert Scheck, Bruno Marti, Gerhard Pichler and Tony Murakami**, beat out 27 international teams to win the prestigious 1984 World Culinary Olympics in Frankfurt, Germany. Who says you have to go to Europe to find three star restaurants?

Other names in the news recently are Newfoundland premier, **Brian Peckford** who has been given his third majority in six years; Mayor **Marlon Dewar** of Ottawa who will be retiring at the end of her term this November and Minister of External Relations, **Monique Vézina** who signed a memorandum of understanding between Canada and China for a \$6.3 million petroleum development and technical co-operation project.