

1547 South Owens Street, #46
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**INTERNATIONAL PERSONAL
ROBOT CONGRESS &
EXPOSITION**

**APRIL 13 — 15, 1984
ALBUQUERQUE, N.M., U.S.A.**

**ROBOT SHOPS
& COMPETITIONS
FOR
PERSONAL ROBOT
DEVELOPERS
& THEIR CREATIONS**



**BE PART
OF THE
BEGINNING**

ROBOT SHOPS AND COMPETITION

April 13: 12-6 p.m., April 14: 12-8 p.m., April 15: 10 a.m.-4 p.m.

IIRC has established the Robot Shops of Albuquerque as a unique interactive area for Personal Robot Developers (individuals, clubs, classes and other robot enthusiasts) to show their creations. Many PRDs are not amateurs; some are employees of industrial robot firms who are showing backroom projects. Others may represent schools, government laboratories or computer clubs with special interest groups in robotics. Whether they are individuals or representing groups, the PRDs will be showing their best creations. The robots, of all sizes, shapes and characteristics, will meet for the first time in public, along with the PRDs who developed them.

THE PRDs AND THEIR ROBOTS ARE GUESTS OF HONOR, for they are the masterminds who drive technology in our society.

The Robot Shops are special in several ways:

There will be a central area for all PRDs to display their creations, and there will be a small workshop for each PRD, appropriately equipped and decorated. Each PRD will receive a lab coat and a badge to highlight his/her special status.

The workbenches will be out of reach of show attendees, but in plain view. The PRD can work on his/her robot, talk with visitors, talk with other PRDs and put the robot through its paces. This is the PRD's personal shop.

The PRD will be provided with a "Robot Support Crew" who paves the way, protects the equipment, and provides expert consulting and knowledge of local resources. The crew will be comprised of housewives, ranchers, students, and mechanics working with physicists from Los Alamos Laboratories and computer specialists from Sandia Laboratories. The Crew Coordinator, who ensures that activities run smoothly, has extensive background in support crews and will be in charge of the Robot Shops, crew members, and equipment. Albuquerque has a remarkable concentration of technical personnel and facilities. The robot should feel right at home in this high-tech, high-desert domain.

The Robot Shops are restricted in the following ways:

The PRD is provided with equipment, crews, and floor space to demonstrate interesting technology, but not to sell products. There will be no sales material shown or distributed in this area. Every PRD is encouraged to talk business and the IIRC organization expects that a number of PRD robots will find commercial support as a result of this presentation, but the Robot Shops are specifically non-commercial.

The PRDs must follow the official schedule designated for the central display area. The schedules are reasonable, and the Robot Support Crews will aid in meeting schedules. These schedules are necessary to show as many creations as possible within the designated three days.

Because the PRD is special to the Congress activities, the fee is a special rate of \$100.00, which includes admission to the technical sessions as well as the exhibit hall, and participation in the Sunday brunch activities. This fee may be provided by the PRD or through sponsorships from schools, city councils, commercial banks, clubs, magazines, or any other organizations. The organization supporting the PRD will be credited publicly for this support. The fee covers only a fraction of the cost for the Robot Shops, and more importantly, demonstrates serious intent. Refer to the application for requirements.



Artist's conception of Robot Shops

Competitions:

The PRDs will engage in a series of competitions with other PRDs and their creations. Awards will be given in the areas of *most useful*, *most entertaining* and *open*. The categories of competition will be junior/senior high school, college, and general. The competition will culminate with the *Golden Droid* awards to be presented at the Sunday brunch.

The '84 Congress and Exposition will be a three-day event consisting of technical sessions and seminars with well-known speakers, and commercial exhibits of software, hardware, suppliers of parts, publishers, etc. There will be cultural events and activities, dignitaries, and limelight for all who attend. The keynote speaker is Isaac Asimov. Other speakers include Joseph Engelberger, David Heiserman, Nolan Bushnell and many more.

The Robot Shops are expected to become a major annual event, recognized worldwide as the primary source of knowledge on state-of-the-art robots. Every Personal Robot Developer will want to be part of the beginning at the 1984 International Personal Robot Congress.

Application for Robot Shops and Competitions

Since the PRD and his/her creation are special to the '84 Congress, we request that you complete the following information as thoroughly as possible. After your application is reviewed, successful candidates will be contacted and interviewed by phone. When accepted, you will receive confirmation and a request for payment. On a separate sheet of paper, please respond to these questions:

1. What are the capabilities of your robot(s)? (i.e., can it walk, talk, sing, etc.?)
2. What are its physical characteristics? (send photo if available)
3. What are its mental characteristics? (software)
4. Why do you wish to participate?
5. What results do you expect from your participation?

Robot Shops and Competition Entry Form

Please complete this entry form and attach your answers to the above questions.

Name: _____

Organization: _____
(if applicable)

Address: _____

City: _____ State: _____

Country: _____ Zip: _____

Area Code: _____ Phone No.: _____

Send entry form and attached information to:
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