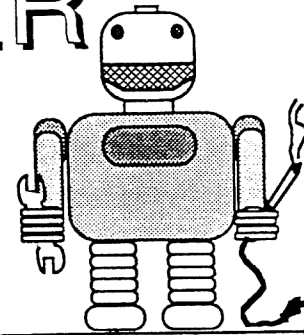


# ROBOT BUILDER

November 1989

The official publication of the Robotics Society of Southern California  
P.O. Box 3227, Seal Beach CA 90740, Meetings the 1st Tuesday @ 7:00 PM at MTI College



Our meetings are still fairly well attended with 25-35 at the first part of each meeting. Our new meeting format of general club business and major program for the first part was followed by a break and get-acquainted session. Then we followed up with a *Random Access* portion where we asked and answered questions from all and then ended up with a technical session. This format seems to be accepted by all. Our October meeting featured several video tapes of past and present personal robot products and a discussion of their design and relative merits and shortcomings. In November, we will continue with some more video footage brought in by other members and have several robotic bases for demonstration.

Our meetings are at MTI College, right off the 57 freeway at 2011 W. Chapman Ave, Orange, on the first Tuesday of the month at 7.00 PM. Call Galen Walker @ (714) 385-1132 for reservations. Dues are only \$15.00 a year and an initiation fee of \$15.00. We encourage those of you who have not joined to do so at our November 7th meeting. It is only by strength in numbers that we can continue to do good things for all.

Hopefully you still noticed the name on the masthead, Robot Builder. It's a holdover from the original *Southern California Robotics Society* and aptly describes our interests. We voted to continue with that masthead, but asked all you artists to come up with a better logo. Please fill out the enclosed questionnaire also so we can know your interests.

We still need quality articles from all of you. Robot construction, mobility, software, control circuitry, sensors, short robot-related fiction & cartoons and robots in the home are some ideas. We also welcome advertising from related suppliers and personal robot companies. If you have access to a word processor and laser printer, submit your copy-ready pages to editor, Tom Carroll, but have someone check your spelling and grammar.

This month's featured article is reprinted from the October 1989 issue of the prestigious journal of the American Institute of Aeronautics and Astronautics, *Aerospace America*. It is written by Rodney A. Brooks and Anita M. Flynn of the Mobile Robot Group of the MIT Artificial Intelligence Lab. Entitled *Rover on a Chip*, it describes tiny 1 cubic inch *Squirt* to massive *Herbert*, with extensive details on 6-legged *Gengis*, constructed with model radio control servos. MIT was the winner of the 1988 Micro Mouse contest and further proves intelligent, sensor-fed robots can be constructed inexpensively.

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