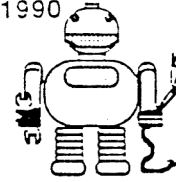


February 1990

ROBOT BUILDER



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

The January *Robotics Society of Southern California* meeting was well attended with over 30 people present. The major discussion of the meeting centered on the building of a society robot. It was agreed that we would build a group robot at a monthly Saturday robot laboratory session at *The Robot Company* in Costa Mesa. Three working groups were established for the project: Mechanical, Electrical, and Software.

Each of these three groups will develop a proposed design for their area and present the design to the entire society at our regular monthly meeting. Once a design is approved and funding authorized, the members of the group will implement their design. All designs will be incorporated into a Robotics Society Engineering notebook which will capture all design notes and criterion used to select a given design.

The electronics group is headed by Bob Angelo. This group will be responsible for all electrical components on the robot including motor control, sensors, power distribution, etc. If you have electronic design expertise or want to learn about robot electronics, call Bob at (714) 722-0890 and volunteer your help.

The mechanical group is headed by Mark Frank. This group will work closely with the electronics group and provide the physical design of the robot. They are concerned with such issues as size, weight capacity and overall construction. If you are mechanically inclined, call Mark at (714) 987-9626 and volunteer to help.

The software group is responsible for providing the "brains" for the robot and is headed by Don Golding. This group will propose the overall system architecture and provide design specs and the "glue" that binds the electrical and mechanical systems together to insure the robot can do meaningful tasks. If you are a software or systems type of person, call Don at (714) 662-7728 and volunteer your services.

We postponed the elections from January to the February meeting since we did not have a complete slate of candidates. The following people have volunteered to run for the offices listed. We will also take nominations from the floor the first thing at our February 6th meeting. We will then vote on offices having two or more candidates. Don't be bashful, - this is your society and if you wish to get really involved, holding an office insures you have an active voice in what goes on. The nominees are:

President - Tom Carroll, *Vice President* - Joe McCord, *Secretary* - Galen Walker, *Treasurer* - Jerry Burton. If the present newsletter editor is elected to the new office, a new editor will have to be selected as his time is already stretched to the limit. The board and society would also like to thank Terry Carrigan for serving as our first president. Increased work loads have caused Terry to have to step down this year.

As of January 20th, we have 33 paid members, and \$648.38 in the treasury. I have a tentative budget for 1990 and will add to it as the Robot Building Project takes shape.

Jerry Burton,