The objectives of the Singapore Robotic Games are:

- to inculcate in the general public an understanding and appreciation of robotics and automation;
- to educate the general public on the things robots can do that are quite apart from industrial tasks;
- to help in the technology development by providing benchmarks for practical robotics research and development; and
- to encourage innovation in design among young engineers and provide them with a forum to display their works.

Besides the first two objectives of inculcating automation culture to and educating the general public, the SRG hopes to co-ordinate efforts of all academic and research institutions towards practical robotics and automation. The events in the SRG provide benchmarks for robotic devices. All institutes will then work towards achieving this benchmark while competing with each other. This will lead to further advancement of robotics and automation technology in Singapore. Each year, the events of the SRG are made progressively more challenging with at least one new event or competition. This provides continuity and ensures continuous growth of technology. The last objective is very important. Only through recognition will participants be rewarded for their hard work. What better way to recognise their achievements than to display their works to the general public. Also through this public displays, spin-offs in terms of commercialisation, further developments by other parties, wider participation, etc. would be possible.

The 2009 Singapore Robotic Games is scheduled for 20-22 January 2009, at the Annexe, Science Centre, Singapore followed by a workshop on 23 January 2009 at a hotel in Singapore. The following 17 competitions will be held:

- RC Sumo Robot Competition
- Autonomous Sumo Robot Competition
- Open Category
- Legged Robot Races
  - Marathon
  - Obstacle
- Micromouse Competition
  - Open
  - JC/ITE
  - Secondary Schools
- Robot Colony Competition
- Pole Balancing Robot Competition
- Robot Soccer Competition (Mirobot)
- Schools Robotic Competition
- Intelligent Robot Contest
- Humanoid Robot Competition
- Wall Climbing Robot Race
- Underwater Robotic Competition
  - Autonomous
  - Radio Controlled

In addition, there will be a public lecture by a distinguished and internationally renowned speaker.

SRG 2009 is open to all, and international participation is encouraged.

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