

Roboka Contest: Programminng Virtual Humanoid Robots on the Internet

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Abstract

The Roboka Cyber Robot Tournament is an international humanoid robotwrestling competition held on the Internet. This competition is open to anybody interested and is free. The goal of this programming contest is to share our passion and knowledge about robot controllers in a competitive and amusing physics-based robot simulation environment. In this way, challenging scientific work is much more enjoyable and can becompared in a fair competition. With only a basic Java knowledge, anybody can enter the competition. No special robotic skills are necessary to get started. Just register, program your controller and post it to your account. Every day at 14:00 (Central European Time) the competition is started with your actual controller. You can watch the tournament live or download the matches later. The Hall of fame keeps you informed of your actual position in the competition.