



2009 RoboCup Nanogram Competition Call for Participants

The U.S. National Institute of Standards and Technology (NIST), in association with the RoboCup Federation, invites applications to participate in the 2009 *RoboCup Nanogram* microrobotics competition, in which microrobots the diameter of a human hair face off in tests of speed and agility.

DATES AND LOCATION

The 2009 RoboCup Nanogram competition will be held at the Stadthalle Graz in Graz, Austria, on the following dates:

June 29-30:	Team Setup
July 1:	Nanogram Exhibits
July 2-3:	Qualifier Events
July 4:	Nanogram Exhibits
July 5:	Final Competition Event

APPLICATION TO PARTICIPATE

We are now accepting applications to compete and to exhibit in the 2009 RoboCup Nanogram competition. To apply, submit a Team Description Paper by Dec. 31, 2008. The TDP may be submitted by electronic mail to nanogram@nist.gov, or by post to:

RoboCup Nanogram 2009
c/o Craig McGray
National Institute of Standards and Technology
100 Bureau Dr., MS 8120
Gaithersburg, MD 20899-8120

The TDP must identify:

1. The individuals contributing to the team.
2. One individual who will serve as a Primary Contact.
2. The facilities available for fabrication, operation, and characterization of microrobots.
3. An overview of the microrobot design.
4. An overview of the fabrication process to be used.

The purpose of the TDP is to convince the contest organizers that the team has a credible plan for bringing operational microrobots to the competition. TDP's will not be shared outside of the conference organizers before the competition without express permission of the Primary Contact.

NON-COMPETITIVE MICROROBOTICS EXHIBITS

Some microrobotic technologies may be so cutting edge that they do not fit smoothly within the competition structure. The RoboCup event provides a high-profile venue to showcase these technologies, and an opportunity to meet with other researchers and technologists. Non-competitive exhibits are encouraged.