

Robot players learn soccer

The small sporting robots on the field in Germany this week are no less entertaining...



[4TO40.COM](#)
[NEWS@4](#)
[INTERNATIONAL](#)
[ROBOT PLAYERS LEARN SOCCER](#)
[PRINT](#)

Updated On: 4/24/2008 | **Vote Average:** 3, **Total Votes:** 57 **Hits:** 705

They're not quite the automatons and androids of popular culture, but the small sporting robots on the field in Germany this week are no less entertaining.

Some move about on three wheels; others plod slowly and deliberately on two or four legs. They range from thumb-sized midgets to almost metre-tall giants.



Their common aim? To win the annual RoboCup German Open at the Hanover Trade Fair by getting the ball into their opponents' goal.

And it's not as complicated as it looks, said Stefan Kohlbrecher, a member of the Technical University of Darmstadt's Darmstadt Dribblers team.

"It works with this camera, he can see with this regular webcam," Kohlbrecher said of his team's charge. "He can look around, and when he sees the ball these data are processed. We tell him that what is orange and round is the ball."

The contest, which began Tuesday and concludes Friday, is part of a wider effort to educate the public about how far robot technology has developed and how it is used in everyday life.

The RoboCup - now in its seventh year - is part of a the "Mobile Robots & Autonomous Systems" showcase. Other robots on display offer everything from security to faster manufacturing.

"Our robots are supporting people in museums and public places, giving



Ads by

Super Value China Tours

Guaranteed Departure Tours!
Reserve Our 9, 11, 12 Day Tours
& More Now.
www.ChinaToursTailor.com

Tours in China

Private Luxury China Tours with
Excellent Itinerary and Service
www.orientaltravel.com

them information on certain interesting things. So, this is what we believe will be the applications in the very near future," Roko Tschakarow of System Solutions Unit Mechatronics told AP Television News.

The soccer players were the main draw, however. Some 850 in 49 teams were signed up alongside 350 university students and computer engineers from 14 countries. In the RoboCupJunior Competition for high school students, 116 teams from four countries faced off.

Ultimately, the aim is to field a team of robots against people, Kohlbrecher said.

"The goal of the RoboCup is to compete against human world champions with robots by the year 2050," he said. "We're still a little far from it, but there is a lot of time to reach it."

Recent 10 News

- Trees too get Rakhis [8/7/2008]
- He fought all odds to pursue a dream course [8/6/2008]
- Opening Ceremony plan released [8/6/2008]
- For 12 years, he pilgrimages with aged mother on his shoulders [8/6/2008]
- Woof! Auto-rickshaw anybody? [8/6/2008]
- VIP Dog Treatment [8/4/2008]
- 9,000 Couples to Marry on Lucky 8/8/08 [8/1/2008]
- IOC president Rogge arrives in Beijing [7/31/2008]
- Olympic volunteers inaugurate services in Olympic co-host city Qingdao [7/31/2008]
- US golden girls aim for third title [7/31/2008]
- One rupee salary due costs company Rs 970,000 [7/31/2008]
- Most Cost Effective Vehicle Ever [7/31/2008]
- Qian Hong kicks off torch relay at Tangshan [7/30/2008]
- Paralympic medals arrive safely in Beijing [7/29/2008]
- Olympic torch leaves Shijiazhuang for Qinhuangdao [7/29/2008]
- Can You Say 'Foot Fetish'? [7/29/2008]
- School teaches pupils how to walk [7/29/2008]
- Family buys tank [7/29/2008]
- Diners flock to flooded restaurant [7/29/2008]
- Court reprieve for Bihar dog [7/29/2008]
- Olympic Media Village gets high marks [7/28/2008]
- In 13 yrs, he has defused 300 bombs [7/28/2008]
- Possible stricter measures to ensure air quality [7/28/2008]
- Beijing Olympic Village opens to athletes [7/28/2008]
- Guards Go Stiff at Local Army Base [7/28/2008]
- Largest Chinese Olympic delegation established in Beijing [7/26/2008]
- Mown a Lisa [7/26/2008]
- Piglet with monkey's face [7/26/2008]
- Gang 'extracted' teen's blood [7/26/2008]
- Walk on the stars - with zodiac shoes! [7/26/2008]

Tags: Hanover Trade Fair, Stefan Kohlbrecher, Technical University of Darmstadt, Darmstadt Dribblers Team, Robot Technology, Mobile Robots

Title: Stefan Kohlbrecher

Description: Darmstadt Dribblers Team

Keywords: Autonomous Systems, Tschakarow of System Solutions, RoboCupJunior Competition

Super Value China Tours

Guaranteed Departure Tours!
Reserve Our 9, 11, 12 Day Tours
& More Now.
www.ChinaToursTailor.com

Tours in China

Private Luxury China Tours with
Excellent Itinerary and Service
www.orientaltravel.com

Find Beijing Hotels

Great Deals from budget to
luxury Search many travel sites
at once!
beijing.bezurk.com

Beijing Hotels

Deals at Top Hotels in Beijing.
Save Money and Time, Book
Now!
GTAHotels.com/Beijing

Story | Katha | Poems | Folktales | Activities | Discover India | Earth | Travel Places | Culture

Health | Parenting | Religions | Festivals | Recipes: Vegetarian / Non-Vegetarian | **Ayurveda | Astrology**

Fast Forward: Hindi / English | **Legends:** Hidden / In-Brief / Living / History | **News@4:** International / National / Entertainment

Jokes: SMS / Kids / Teens / Pictures / Indian | **Record Book:** Land / Sea / Animal / Mammals / Human / Indian / Featured

OH! My God: City / People / Animal / Bird / Fish / Earth / Plants | **Q&A:** Science / Internet / Animal Kingdom / Society & Culture

e-Circle: e-Pal / e-Greetings / My Page | **Bhagavad Gita** | **Books** | **Videos** | **Games:** Fun / Mind / Street Games

Art: Directory / News / Shows | **Music:** Directory / News / Shows | **Modeling:** News / Shows | **Fairs and**

Exhibitions: Organisers / Services / Venues / News

Encyclopedia: Aviations / Birds / Cars / Flowers / Insects / Mammals / Plants and Trees / Prehistoric Animals / Reptiles

Polling | **About Us** | **Site Map** | **Feedback**