

BLOGS // AUTOMATON

Robots Play Soccer, Make Cereal at RoboCup German Open

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5 The [RoboCup](#) German Open 2011 wrapped up last weekend, and we've got a couple video highlights to share from the event.

4 [Share](#) This first clip is from the RoboCup@Home competition, which aims to develop service and assistive robot technology that will eventually make its way into your home. Here, [Dynamaid](#) and Cosero, two robots from Team NimbRo at the University of Bonn, team up to autonomously to make breakfast (of a sort):



[RoboCup](#) is perhaps best known for soccer, and the [Darmstadt Dribblers](#) (we've been big fans [for years](#)) took first place in the Kidsize soccer competition, defending their 2010 title. The 3v3 fully autonomous matches feature thrills, spills, violence, dives, and unprecedented speed and skill... Those robots are as good or better at aiming for the corners than most humans I know. In the first half of the match, stick around until the very end to see some tricky ball-handling skills:



And in the second half, check out one of the bots go from left footed to right footed and score, and make sure to hang on until minute nine to witness the first ever successful goalkeeper save and throw in a regulation robot soccer match:



Remember, the goal of RoboCup is to field a team of human robots capable of defeating a world-class team of humans at full field soccer. Obviously, we're not there yet, but the magnitude of improvements that we've seen over just the last two or three years has me convinced that the 2050 target is, if anything, pessimistic.

[[RoboCup German Open](#)]

[[Team NimbRo](#)]

[[Darmstadt Dribblers](#)]