

Brisbane Boys College creating robots and beating experts at their own game.

Created by Year 12 students from Brisbane are soccer-playing machines that achieved first place at famed international competition, RoboCup.

Brisbane Boy's College (BBC) has a dedicated robotics program with teams participating in regional, state, national, Asia-Pacific and international Robotic competitions. In 2017, five participants from BBC formed a team and visited Nagoya, Japan for the annual RoboCup competition. And they beat the best of the best with their soccer-playing robot.

Weighing just over 1 kg, the robots had to be remotely operated meaning everything had to be programmed and no human touch was allowed. To win the world superteam champions lightweight category for under-19s, the boys' robots acted as either goalie or striker against, and with, machines from other countries. The Chinese team had the fastest robots and received the highest score for gameplay but Australia won on accuracy and coding. Maxon DCX motors and gearheads are in the wheels of the robot. Maxon motor Australia is a proud supporter of BBC.

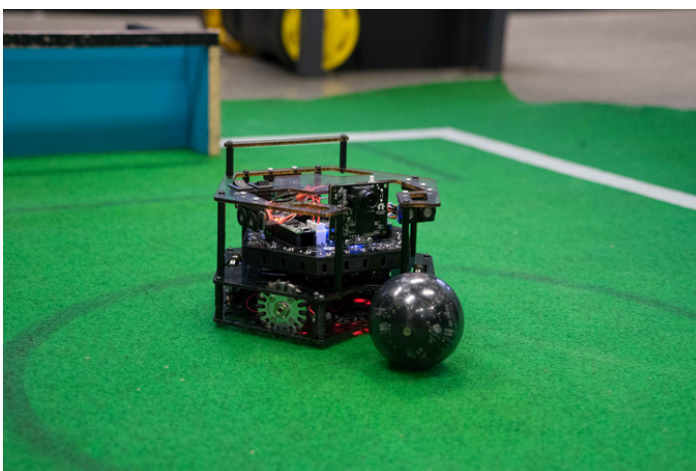
Team captain and ex-soccer player, Lachlan Grant, said the programming and circuit board building was extremely complex, and it was nice to see their win make news for the school, traditionally renowned for rugby and tennis. Master in Charge Colin Noy said the boys' skills were so good the school gets former students, now at university, to coach instead of teachers. "In fact, one European university lecturer attending the championships told us the programming level of our students was higher than most of his Masters students," Mr Noy said.

"Our robots were to the most responsive and most accurate in the competition."

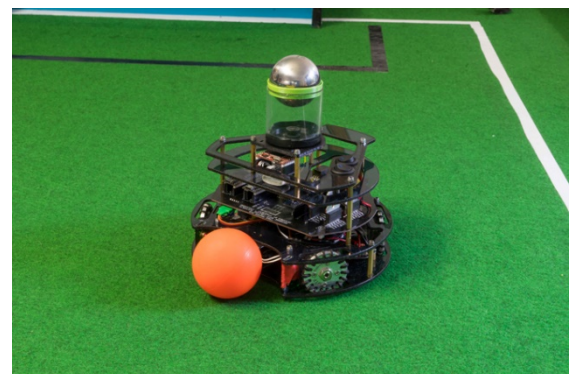
To watch the BBC robots at play [click on this YouTube link](#). For more information on DC motors in robotic applications contact maxon motor Australia tel. +61 2 9457 7477.

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The media release is available on the internet at: www.maxonmotor.com.au



*BBC soccer robot in action
at RoboCup 2017
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*The BBC winning team at
RoboCup 2017
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