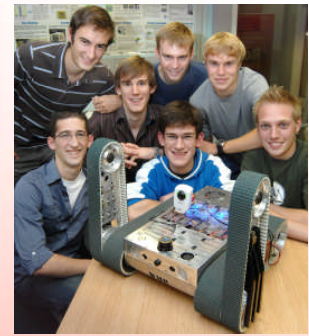


Warwick Mobile Robotics, an MEng group project, stretching undergraduate research in the field of autonomous robotics.

The team focus will again be the **RoboCup Rescue** competition, building on last year's success at the European competition. The robot's high mobility was highlighted however weaknesses were identified in stair climbing and the more difficult step fields. Improvements will be made through additional flippers and an improved track profile. The robot intelligence will be developed this year with the intention of scoring points in the autonomous region, and improving terrain mapping capabilities. Tele-operation will be simplified and made more reliable by providing real-time robot configuration information and reducing lag time.



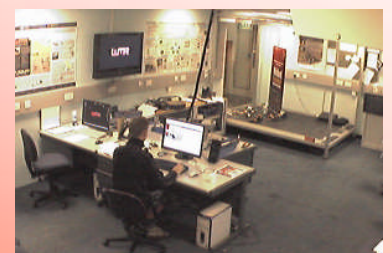
W a r w i c k M o b i l e R o b o t i c s

Innovating Mobile Robotics through Research and International Competition
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WMR attended the **Imagineering Fair** at Coventry's Ricoh Arena, demonstrating the robot and introducing robotics to school children. Several University and WMG guests have visited the Mobile Robotics laboratory and have been introduced to the robot and the team direction. **BBC Radio** presenter Liz Kershaw recently visited WMR and promised future publicity for the project.

WMR Laboratory, highly visible in the **International Manufacturing Centre**, has been redesigned to reflect the 2008/2009 team focus on RoboCup Rescue. The old robot football table has been moved aside to make space for a new Rescue test arena currently in production. Take a look through the laboratory webcam on the WMR website.



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