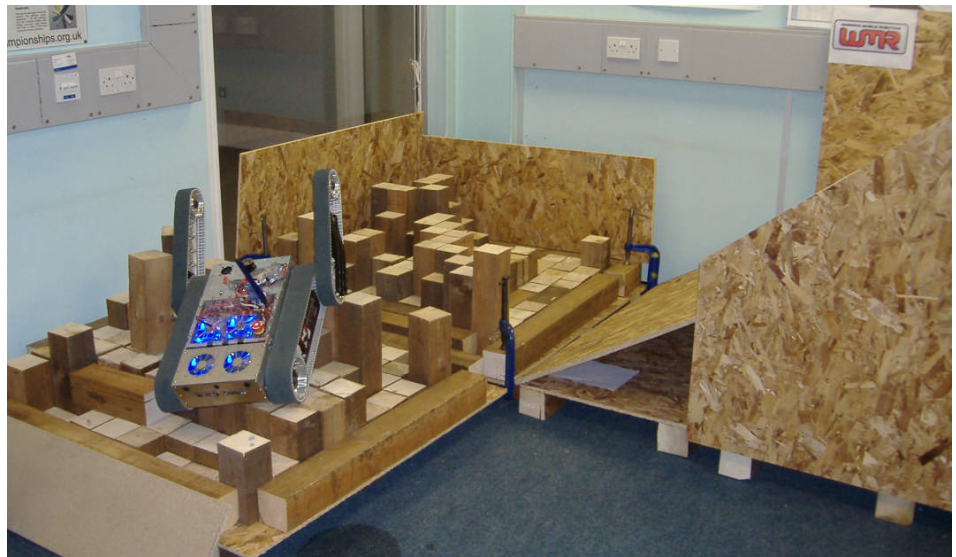


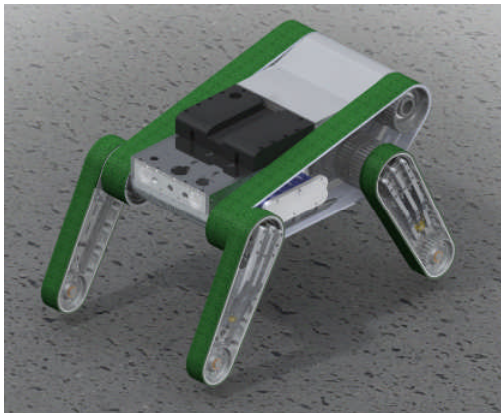
WMR has built its **new test arena** in the laboratory.

Featuring competition specification step-fields and a full-size stair case, this arena will allow full analysis of mobility and provide operator training ahead of the competition to give WMR a big competitive advantage.

Future developments will see a landing area at the top of the stairs complete with a down ramp. The addition of simulated victims in entombed, dark locations allows sensor capabilities to be evaluated.



WMR is pleased to announce a developing **partnership with ITCM** based in nearby Westwood Business Park. ITCM provide world leading experience of production innovation and development. [www.molinsitcm.com](http://www.molinsitcm.com)

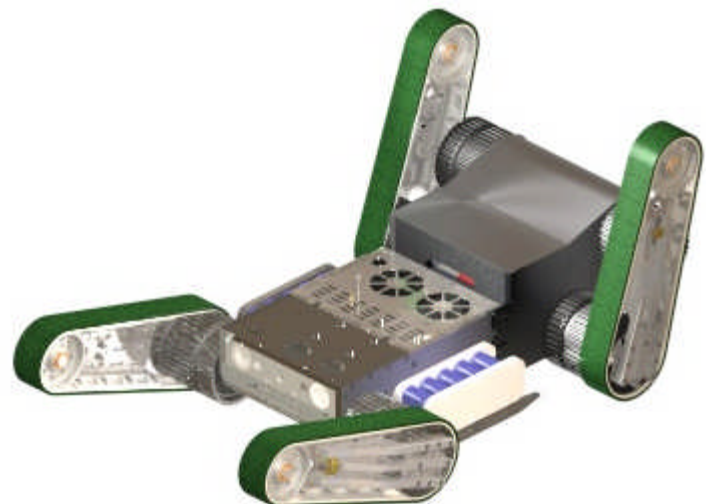


[www.mobilerobotics.warwick.ac.uk](http://www.mobilerobotics.warwick.ac.uk)  
[mobilerobotics@eng.warwick.ac.uk](mailto:mobilerobotics@eng.warwick.ac.uk)

Stay up-to-date with the latest developments

Robot development is progressing with finalised designs. A second set of rear flippers will be added to the robot to give optimum stability over step-fields and when stair climbing. Tipping when attempting large steps was identified as the robot's major mobility weakness.

Autonomy has progressed with wall following capabilities using the Hough Transform. Sensor integration is moving forwards and thermal victim detection is under investigation



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