

<http://www.raspberrypi.org/phpBB3/viewforum.php?f=15&sid=436f8566ed505daab814ec8df3a0d20c>

Automation, Sensing and Robotics

<http://www.raspberrypi.org/phpBB3/viewforum.php?f=37>

1) Web-controllable/autonomous tank for just about 100 Euros

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=348>

2) 3wire SPI temp sensor on RPi

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=18711>

3) Weather Station

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=19988>

4) WIFI based remote light control

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=20228>

5) Photovoltaic/solar systems monitoring

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=11955>

6) Motorised trolley (skutter v0.3)

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=16973>

7) After-school Robot Primary Club

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=19179>

8) Home Automation with simplehomenet.com

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=19305>

9) Model Railways

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=5993>

<http://www.youtube.com/watch?v=VdGRsR1m2Oo>

10) RF Bitbanger ported to Raspberry Pi

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=11159>

11) I2C 16 Channel PWM/Servo Breakout – Working

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=9007>

12) Getting started with robotics?

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=18866>

13) Velleman K8055 Project

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=8598>

<http://www.maplin.co.uk/usb-experiment-interface-board-42857>

(This expansion board could be of particular interest to Graham).

14) Lego and Raspberry Pi

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=19490>

(This person is based in Cambridge, UK).

15) DHT Humidity Sensing - Raspberry Pi with Google Docs logging

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=15755>

16) Distro with distributed control / scada framework python based

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=3981>

(This is fully professional stuff that they want to make available, Open Source, for education).

17) car computer

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=19132>

18) Weather Station now running

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=9563>

(This has lots of postings – showing that there is plenty of interest).

<http://www.weather.dragontail.co.uk/>

(This is a very polished and inspirational site).

19) OpenCV on the Raspberry Pi

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=6354>

(This uses a webcam to produce images that can be analysed – e.g. for colour, as in the case below).

<http://www.fanjita.org/serendipity/archives/59-The-Raspberry-Rover.html>

20) Temperature sensor

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=16032>

(This has postings that mention and discuss several possibilities).

21) Fine Offset WH1081 (Maplin N96GY) sensors working on Pi

<http://www.raspberrypi.org/phpBB3/viewtopic.php?f=37&t=14777>

(This is another weather station project, and very well written up below).

<http://www.susa.net/wordpress/2012/08/raspberry-pi-reading-wh1081-weather-sensors-using-an-rfm01-and-rfm12b/>