# The CPC Raspberry Jamboree Programme - download at tinyurl.com/CPCjamboree

**This is the programme for the CPC Raspberry Jamboree taking place in Manchester on 9th March 2013.**

Please note this programme may still be *subject to change*. While we have completely sold out of tickets to attend (event page) we are streaming a live webcast throughout the day, webcast details here.

**Keynote-** Professor Steve Furber, designer of the BBC Micro and author of the Royal Society 'Shutdown or Restart' report will open our Jamboree with an update on the findings of the report, one year on from publication.

**Talks** - limited to 10-15 minutes each to allow people to try different flavours of Raspberry Pi followed by a 15 minute break if people wish to stay behind to discuss or move to another session/space or explore the Education Innovation conference/exhibition taking part in the main hall.

**Panel Discussions** - Two different panel discussions, one will focus on the Raspberry Pi contribution to computing education and the other will share what makes the best ingredients for a successful Raspberry Jam event are. Each panel member will have about 2 minutes to introduce themselves. Then we will field questions from twitter, social media and the live audience. Use the hashtag **#RJamboree** to send questions for the panel.

**The CPC Pi Shop**- partitioned away in the Cobden Rooms, the team from CPC will be on hand to help answer your questions about Raspberry Pi, offering advice on Raspberry Pi computers, accessories and demonstrating expansion boards and projects with items for you to purchase from the shop.

**Raspberry Mastery -** A series of hands-on CPD workshops for teachers/educators throughout the day. We will have 15 Raspberry Pis in the room for people to make use of and 30 spaces in each workshop - sign up on the day at the CPC Welcome Desk. (Spaces Limited)
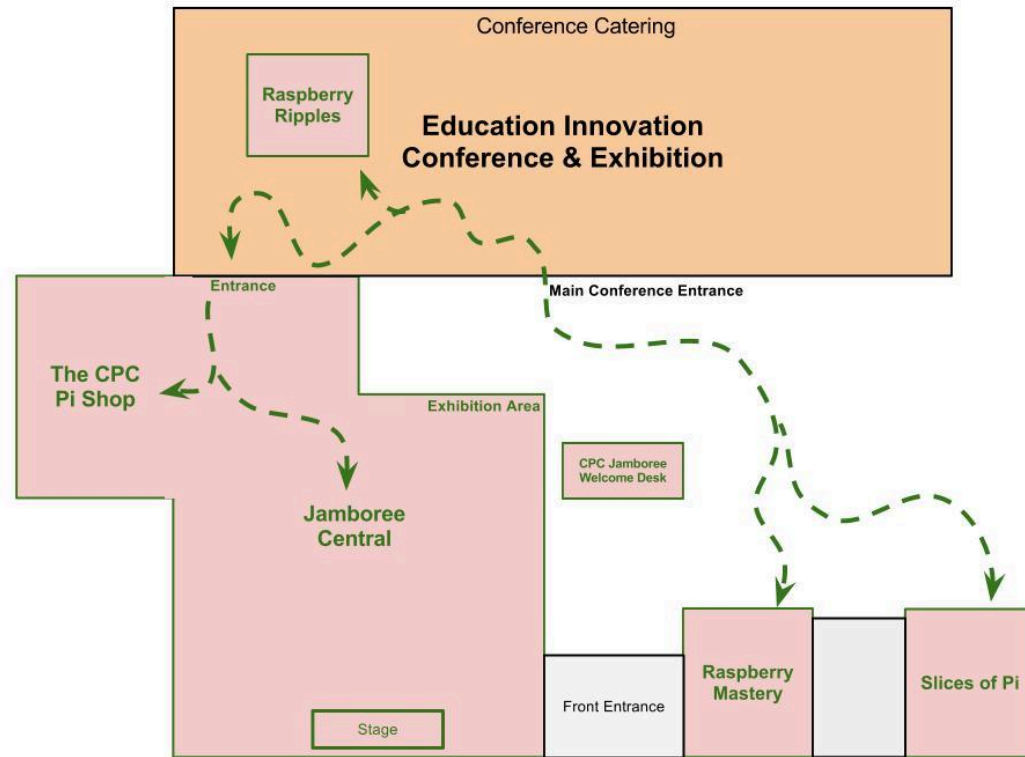
**Slices of Pi -** A series of brief presentations of projects and ideas for teachers/educators throughout the day

**Raspberry Ripples -** An open networking area for delegates, allowing for discussions and meetings throughout the day without interrupting any of the talks.

**#RJamboree**

# The CPC Raspberry Jamboree Map, March 2013

Manchester Central Conference Centre, [Directions](#)

| Time | Cobden Rooms 'Jamboree Central' | Central 7 'Slices of Pi' | Central 5 'Raspberry Mastery' |
|---|---|---|---|
| 10.30 11.00 | **Welcome:** *Alan O'Donohoe* **Keynote:** *Professor Steve Furber* *'Shutdown or Restart, 1 year on'* | **#Rjamboree** Not available | **#Rjamboree** Not available |
| start 11.00 end 11.45 | **Morning Talks:** (3 x 15mins) *a. Andrew Robinson*-*'Raspberry Pi Robotic Inventions'* *b. Carrie Anne Philbin*-*'Geek Gurl Diaries'* *c. William Bell*-*'MagPi Magazine'* | **#Rjamboree** Not available | **Workshop 1 - Setting Up Your Raspberry Pi** *Mike Hewitson* & *Pete Lomas* To help Raspberry Pi novices understand exactly what they need to get Raspberry Pi up and running. Hands-on session with the designer of the Raspberry Pi. |
| start 12.00 end 12.45 | **Panel Discussion:** **Raspberry Jams -Why? How? When?** *a Ben Nuttall* *b Lisa Mather* *c Dawn Hewitson* *d Ben Smith* *e Jack Wearden* Send questions via #RJamboree on twitter | **#Rjamboree** Not available | **Workshop 2 - Pi Face Hardware Projects** *Andrew Robinson*, *Mike Cook* & *Gordon Henderson* Understand how to build hardware & robotic projects around the Pi Face expansion board with the experts. |
| start 1.00 end 1.45 | **Extra Slices of Pi** **1.00** Arthur Amarra - Engineering with the Pi **1.15** Duncan Smeed - Pi-oneering Projects by Undergraduate Students **1.30** Alex Bradbury - Managing Pis in Schools: Problems, Solutions, and the Future | **Slices of Pi** **1.00** Simon Duffy -Remote control your Pi **1.15** Dave Ames -Using the R-Pi as a School Information Kiosk **1.30** Darren McGuff -Raspberry Pi Drop-in Centres **1.45** Mike Cook -Inspiring kids with technology | **Workshop 3 - Programming Python on your Raspberry Pi** *Vikki Dodd*, *Chris Roffey* & *Nick Tollervey* Ideal for those who have never used Python before, or just started. With a teacher, an author/teacher and a Python developer. |

| Time | Cobden Rooms 'Jamboree Central' | Central 7 'Slices of Pi' | Central 5 'Raspberry Mastery' |
|---|---|---|---|
| start 2.00 end 2.45 | **Panel Discussion:** **Educational Value of Raspberry Pi** *a Clive Beale* *b Karin Andersson* *c Christine Swan* *d Vikki Dodd* *Send questions via #RJamboree on twitter* | **Slices of Pi** **2.00** William H. Bell - From ATLAS to Pi **2.15** Daniel Tomlinson @dantomgfx - Using a Raspberry Pi to host your website. **2.30** Gordon Henderson - Using WiringPi **2.45** Sam Dolan - Pi-Cubed Programming Challenge for Schools | **Workshop 4 - Starting Robotics With Raspberry Pi** *Ben Smith, Jason Barnett & Simon Walters* Understand how to get started in Raspberry Pi hardware projects, from LEDs and switches to robot buggies. |
| start 3.00 end 3.45 | **Afternoon Talks:** (3 x 15mins) a. *Rob Bishop*- *'1 year on, 1 year forward'* b. *Paul Hallet*- *'Crowdfunding Pi Projects'* c. *Amy Mather, 13yr old developer-'Game of Life on Pi'* | **Slices of Pi** **3.00** Philippa Hack - A Pi Physics Lab **3.15** Charlotte Godley - Pi2C and other GPIO analogue techniques **3.30** Mike Cook- Why the Arduino should be your Pi's best friend | **Workshop 5 - Overcoming Barriers in Schools** Simon Duffy & John Stout A hands on teaching session with two teachers who will help you understand how Raspberry Pi can be used in your classroom. |
| 3.45 4.00 | **Plenary:** *Alan O'Donohoe* | **#Rjamboree** Not available | **#Rjamboree** Not available |