CamJam!

Cambridge Raspberry Jam
Saturday, 12th September 2015

Activities in the Upper Library

Show & Tell on the Mezzanine

Learn to Solder
(weather permitting)

Talks in the Lecture Theatre

Workshops in the Meeting Room

Marketplace in the Foyer

Up
Alternative entrance to Lecture Theatre

Quiet Area

Registration Desk

Entrance

Pi Wars
The Raspberry Pi Robotics Challenge Competition
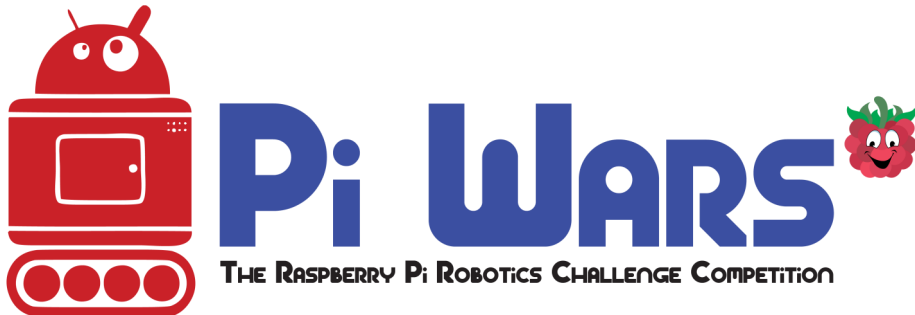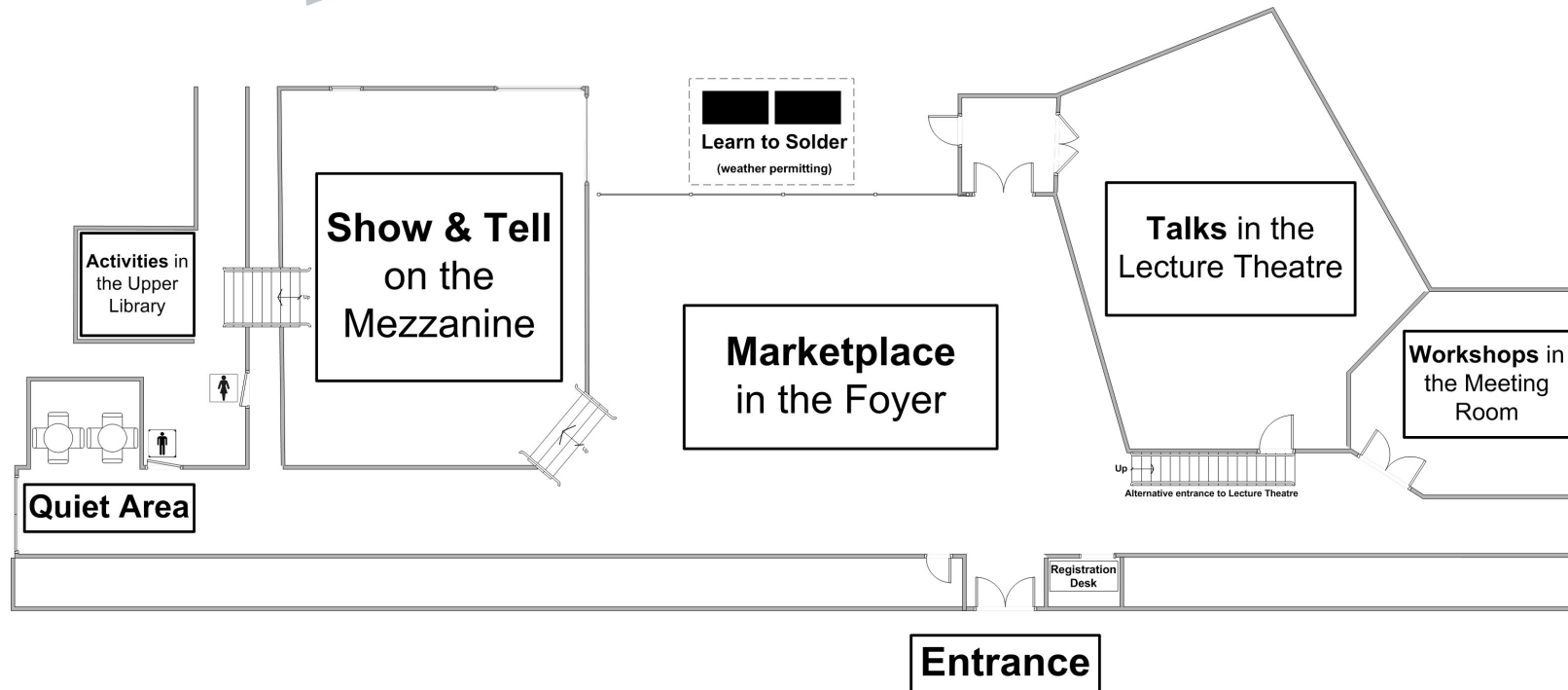
Our next event is **Pi Wars**

5th December - 10am-6.30pm

Tickets and more information available at

piwars.org

TALKS IN THE LECTURE THEATRE

10.45-11.10am - Jim Darby - Pi cameras outdoors—If you want to make some time-lapse videos, sometimes you need to be outdoors. I'll be demonstrating some of the issues: power, networking, waterproofing and cats. *Suitable for all*

11.15-11.30am - Femi Owolade - Festival of Code - My first experience of Festival of Code was just awesome. It was really tough but I learnt so much. Next year I'll be prepared. *Suitable for all*

11.35-11.55am - Sway Humphries - Computing: Excitement! Adventure! And really wild things! - An educator's viewpoint of the challenges of showing children how amazing computing is with the Raspberry Pi. *Suitable for all* EDUCATION TRACK

12.00-12.25pm - Yasmin Bey - Minecraft - Looking at Minecraft as a platform for getting kids into coding as opposed to just hacking it. *Suitable for all* EDUCATION TRACK

12.30-12.45pm - Cat Lamin - Coding Evenings - Find out about Coding Evenings, one teacher's attempt to change the world by bringing together teachers and community members to share best practice for teaching coding in a fun and relaxed environment. *Suitable for all* EDUCATION TRACK

12.50-1.10pm - Andy Batey - Skycademy - Launching a high altitude balloon with the Raspberry Pi Foundation's new training course. *Suitable for all* EDUCATION TRACK

1.15-1.30pm - Michael Horne & Tim Richardson - CamJam EduKit - A special announcement. *Suitable for all*

1.35-2.00pm - Victoria Button - Air Pollution Art Installation - Promoting social change, ideas and concepts through Raspberry Pi-powered art. *Suitable for all*

2.05-2.25pm - Jonathan Coop - Using the Pi as a Virtual Private Network - Aimed at those who understand Linux, but not VPNs. *Suitable for intermediate-level*
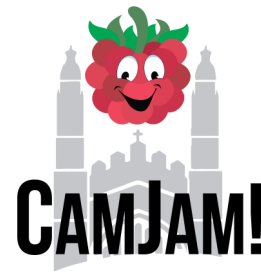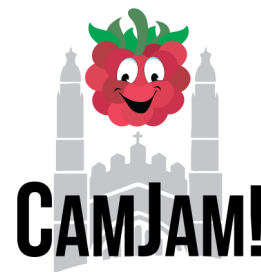
2.30-2.50pm - David Saul - Crowdfunding - The importance of identifying potential risks early. *Suitable for intermediate-level*

2.55-3.10pm - Boris Adryan - Challenges of the Internet of Things - The Pi's not just a toy: Using the Raspberry Pi in connected products - at scale! *Suitable for intermediate-level*

3.15-3.55pm - Ben Nuttall - Building a Python API - How to build a Python library to provide a simple programming interface to a Raspberry Pi add-on board. *Suitable for intermediate-level*

4.00-4.25pm - James Hobro - Concurrent programming on the Raspberry Pi 2 - Covering the basic principles of concurrent programming, focusing on concepts and using some simple ideas to get the most out of the Raspberry Pi 2. *Suitable for intermediate-level*

Please note: *There is an alternative entrance to the Lecture Theatre If you would like to enter part-way through a talk - see the map and signs.*

WORKSHOPS IN THE MEETING ROOM (SOLD OUT)

10.45am-12.15pm - Breadboards, Buttons and Bombs
12.45-2.15pm - Explore the Minecraft API with Javascript
2.45-4.15pm - Proximity Tracking with Bluetooth Beacons
RETURNS - To be in line for return tickets, please come to the front desk 5 minutes before the start of workshops. Returns are allocated by lottery.

ACTIVITIES IN THE UPPER LIBRARY

10.30am-1.45pm - General hacking & worksheets - an opportunity to get hands-on with some Raspberry Pis and look at some of the resources available.

1.45-2.30pm - Teachers - talk to the Raspberry Pi Certified Educators - a time for teachers to talk to the RPCEs and find out best-practice for using the Raspberry Pi in education.

2.30-4.30pm - Beginning & Bewildered - come and have your questions answered, get hands-on with some Raspberry Pis and find out what it's all about.

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12TH SEPTEMBER 2015

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