

WELCOME TO THE CAMBRIDGE RASPBERRY JAM! It's been a while since we held a Jam like this and we're glad to be back! After you've presented your ticket, you'll find yourself in our Show and Tell area. To your left and up the stairs, you will find the Marketplace. Up the next two sets of stairs is the Library where you can find our Beginners' session. To the right of the foyer, you will find the room where our Workshops take place. Look out for our Jam Makers If you have any questions!

WORKSHOPS IN THE MEETING ROOM - PLEASE ENSURE YOU ARE ON TIME!

Please present your tickets to the Jam Maker at the door.

10.35 for 10.45-11.45 - Beginners' electronics with the CamJam EduKit

12.05 for 12.15-13.15 - Exploring the real world with sensors

13.35 for 13.45-14.45 - Sensory Overload with HackLab

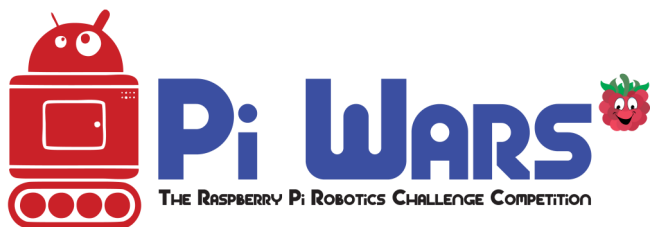
14.50 for 15.00-16.00pm - Rocket Rumble with HackLab



Please note: These workshops are **sold out**. However, often we have no-shows and 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** if necessary.

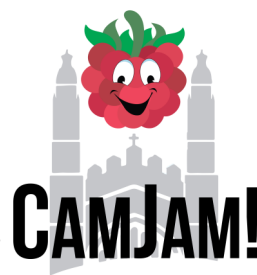
ACTIVITIES IN THE UPPER LIBRARY

2pm-3pm - Beginners & Bewildered - come and have your questions answered, get hands-on with some Raspberry Pis and find out what it's all about.

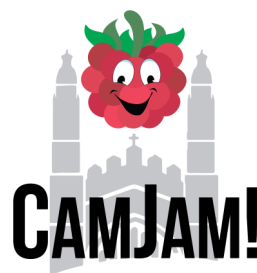


will be held in Cambridge on 1st-2nd April 2017

More information is available at **piwars.org**



17TH SEPTEMBER 2016



camjam.me
piwars.org

TALKS IN THE LECTURE THEATRE

11.00 - Tim Richardson & Michael Horne - *Welcome to CamJam & Pi News* - a chance to catch up on recent news and announcements.

11.25 - Spencer Organ - *Pi/Arduino timelapse camera* - from initial idea to getting up at 4.30am four months later to capture the sunrise over Cornwall - my journey in building a motion time-lapse camera.

12.00 - Philip Organ - *Building a Pokemon Pokedex* - I love Raspberry Pi and Pokemon so spent the summer building a Raspberry Pi-powered Pokedex with Pokemon Go-style camera feature.

12.20 - Brian Corteil - *How to build a Pi Wars-winning robot* - one of the overall winners from last year's Pi Wars lets you into some of the secrets and methods you can use in your own robot for next year's competition. Topics include Big Meaty Motors and Steal Your Code.

12.55 - Tim Richardson - *Pi Weather Clock* - from concept to a finished product - how I turned the Pi into a weather prediction display.

13.25 - Jim Darby - *Using USB on-the-go on the Raspberry Pi Zero: from easy add-on to clustering* - turn your Raspberry Pi Zero into a USB gadget and then use several to create your own super-computer cluster.

14.15 - Alex Ellis - *Docker and Raspberry Pi: securing the server-room with real-time micro-services* - securing a data centre from overheating and tampering using a sensor network, teaming up with Pimoroni and travelling to Seattle!

14.50 - Jonathan Pallant - *10 steps & tools to produce quality software* - Jonathan, Principal Engineer at Cambridge Consultants, talks about the tools and processes they use to ensure they deliver software on-time and to spec.

15.25 - Steve Lloyd - *CamJam EduKits, Racket-style* - there are lots of text-based languages you can use for programming the Pi's GPIO; Racket is a great example - fun, easy to learn and powerful.

Please note: There is an alternative entrance to the Lecture Theatre If you would like to enter part-way through a talk. It is up the stairs near the workshop room on the right hand side of the foyer.