WELCOME TO THE CAMBRIDGE RASPBERRY JAM!
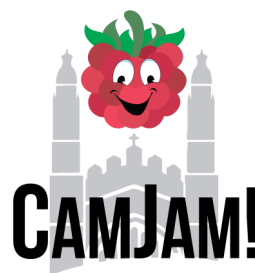
It's great to be back, following our 10-month hiatus. **This is a new venue for us, so please bear with us if you notice a few chinks in the armour!** Take a look on the back of this sheet for a map. Many thanks to Impington Village College and Joe Holmes for hosting us for this Jam! Thank you to anyone who has volunteered to help, do Show and Tell, be part of the Marketplace or give a talk - we wouldn't have a Jam without you!

WORKSHOP ROOM 1 - SOLD OUT (SEE NOTE)
PLEASE ENSURE YOU ARE ON TIME!

10.35am for 10.45am-11.45am
Bluetooth, Pi and micro:bits

12.05pm for 12.15pm-1.15pm
Adventures with the SenseHAT

1.35pm for 1.45pm-2.45pm
Physical Computing

3.05pm for 3.15pm-4.15pm
Beginners Electronics with EduKit 1

WORKSHOP ROOM 2

10.45am-11.45am
Beginners Q&A
Get your questions answered

11.45am-3.45pm
Drop-in Workshops
Worksheets at your own pace.
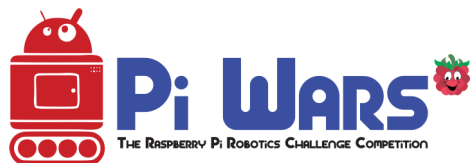*SenseHAT, Minecraft and electronics.*

You can also have a go at
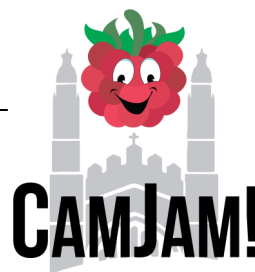***pi-topUNIVERSE,***
a game to teach coding.

Note: Workshop Room 1 sessions are **sold out**. However, we <u>often</u> have no-shows and returns. **To be in line for returns**, please come to the workshop room **5 minutes before the start of workshops**. **Returns are allocated by lottery**, if necessary.

COMING SOON FROM CAMBRIDGE RASPBERRY JAM

Pi Wars
THE RASPBERRY PI ROBOTICS CHALLENGE COMPETITION

Cambridge
21st-22nd April 2018
piwars.org

CAMJAM!

14TH OCTOBER 2017

CAMJAM!

camjam.me
piwars.org

TALKS IN THE MAIN HALL

10.40 - **Mike Horne/Tim Richardson** - *Welcome to CamJam*

10.45 - **Brian Corteil** - How to Build a Robot for Pi Wars - *Hints and tips from 3 years of Pi Wars robot building.*

11.15 - **Tom Oinn** - Using your game controller from Python. *Particularly suited to robot kits like the CamJam Edukit 3, the approxeng.input library makes it easy to access the joysticks and buttons on your game controller from Python code on your Raspberry Pi. I wrote the library for my PiWars robots, and will walk through the code you'll need to get going with your own projects.*

11.45 - **Ben Nuttall** - piwheels - *Building a faster Python repository for Raspberry Pi users (making "pip install numpy" fast!)*

12.15 - **Sway Grantham** - Raspberry Pi as a Tool for Teaching. *The Raspberry Pi is ideal for students to learn about how computers work, and that's even before you turn it on!*

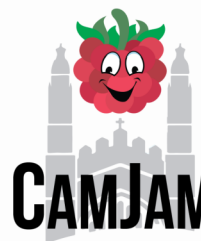**12.45** - **Premalatha Balan** - Importance of parental involvement in kids coding

1.15 - **Matthew Timmons-Brown** - Raspberry Pi Bike Dashcam - *Building a GPS-enabled, full HD, Raspberry Pi-based bike camera.*

1.45 - **Samuel Martin** - Raspberry Pi Slam Bot. *A talk about autonomy, 3D scanning and robots with frickin' laser beams!*

2.15 - **Jonathan Pallant** - Measurements crate in Rust. *Computing with physical quantities (Force, Pressure, etc).*

REFRESHMENTS

Tea, coffee and squash is available from the Dining Area which is to the left of the Promenade.
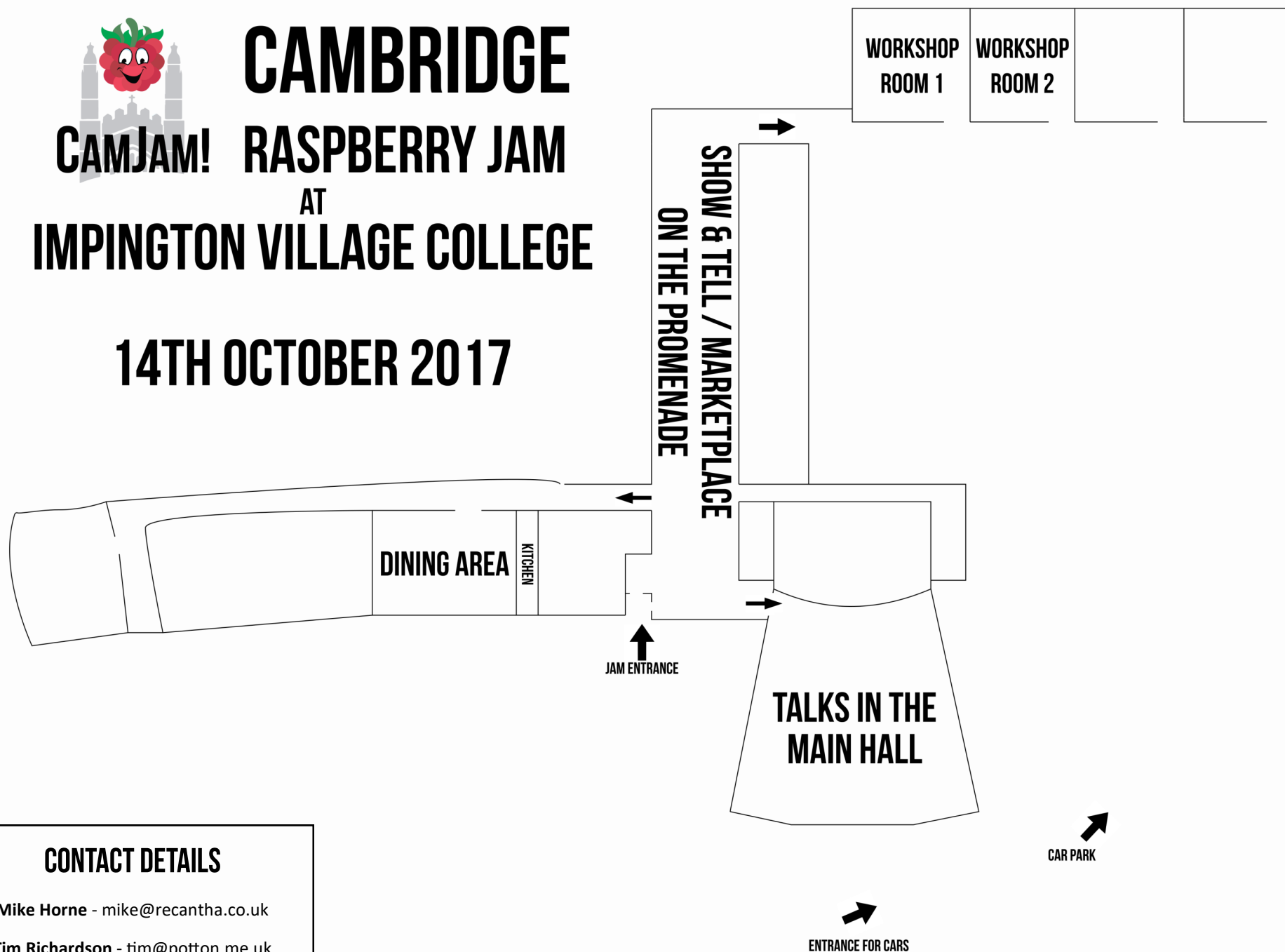*Donations to cover costs are welcome.*

CAMBRIDGE
CamJam! RASPBERRY JAM
AT
IMPINGTON VILLAGE COLLEGE

14TH OCTOBER 2017

WORKSHOP ROOM 1

WORKSHOP ROOM 2

SHOW & TELL / MARKETPLACE ON THE PROMENADE

DINING AREA

KITCHEN

JAM ENTRANCE

TALKS IN THE MAIN HALL

CAR PARK

ENTRANCE FOR CARS

CONTACT DETAILS

Mike Horne - mike@recantha.co.uk

Tim Richardson - tim@potton.me.uk