>sudo 2017

TEAM HACKATHON CHALLENGE:
Internet of Things

JUNE 24-25, ALLIA FUTURE BUSINESS CENTRE, PETERBOROUGH

Event Overview

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Allia

SERIOUS IMPACT

European Union
European Regional Development Fund

Powered by:

Cambridge Applied Research.

WHAT IS >SUDO ?

A 24 hour team hackathon challenge, held in one of the best IoT prototyping facilities in the UK, supported by world leading tech companies with big prizes to be won.

The Internet of Things is spreading quickly, with more and more things coming online every day. We are opening the doors to a high spec innovation centre with access to state of the art resources and tech support to solve an IoT challenge. We offer you the opportunity to create and innovate as a team among like-minded people with the chance to win cool prizes and prestige. Sign up to help come up with tangible solutions to real world problems.

WHY > SUDO?

>sudo is the IoT instalment of Allia's Serious Impact Challenge weekends.

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Our Serious Impact Challenge Weekends aren't just a chance to form new peer groups among tech leaders in smart-cities, agri tech, clean-tech, and health sectors, you'll also become immersed in identifying impact solutions to a pressing social or environmental challenge that could find an immediate route to market.

In the command line, sudo allows users to run programs with the security privileges of the superuser. We want to provide the environment for you to create, innovate and make impact with access to resources you wouldn't usually have access to. That's why we are kicking off our series of hackathons in the Peterborough Future Business Centre Innovation Lab. With access to a state-of-the-art facility that is tooled up with a range of gear for testing, prototyping and simulation, we challenge you to hack the Internet of Things.

STARTER KITS

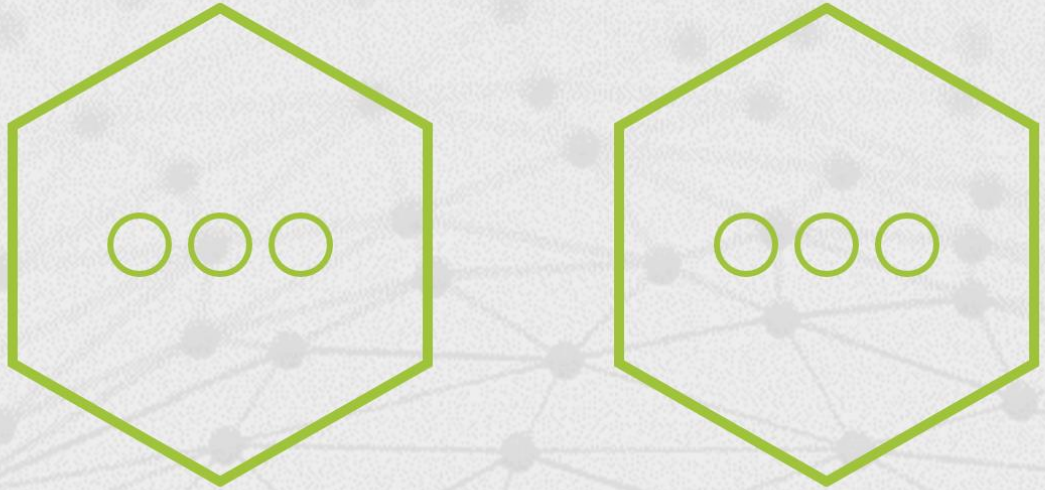
Use our IoT starter pack, full of hardware to hack together to make your own IoT solution to one of our challenges.

Each team will receive a set of hardware (feel free to bring your own!), plus API keys from our sponsors and access to LoRa, Weightless P and weightless N LPWAN systems to take your IoT solutions live!

CHALLENGES

As a >sudo team you must compete to build a solution to one of the challenge categories

Internet of Things.



TO BE ANNOUNCED

We are devising some challenges to test your IoT skills. We are looking for innovative solutions to some of the biggest day-to-day challenges. This year's challenges will be announced 2 weeks prior to the event, so watch this space!

INNOVATION LAB

The Innovation Lab boasts a huge range of prototyping gear, from solidworks to 3D printers. It is the only centre in the UK with LoRa, N-boost and Weightless P systems – it's an IoT playground!

PRIZES

Prizes will be awarded in each of the challenge categories (to be announced), as well as the overall

>sudo 2017 challenge prize of £500

THE WEEKEND

Sign up below! Teams are limited to 6 members, we recommend 4. If you don't have a team, we will find you one on the day!

We will introduce you to the challenge and resources on Saturday morning and leave you to your own devices until pitching on Sunday at 4pm.

In the interim, we will be running workshops with some of our hardware and software partners with 24h tech support and on-site engineers on hand to help you best use our prototyping lab to your advantage.

With free range over the range of hardware and access to some incredible software packages, we expect some great prototypes to demo for pitching.

We will provide you with food, drinks, snacks and all the coffee needed to keep going overnight. Just bring your laptop, any hardware you might want to hack and some great ideas.

SATURDAY 25

9:30AM -10:30AM WELCOME
10:30AM INTRODUCTION
11:30AM HACKING BEGINS
12AM WORKSHOPS BEGIN
1PM LUNCH
7PM DINNER
11PM LATE NIGHT SNACK
HACKING OVERNIGHT

SUNDAY 26

9AM BREAKFAST
10AM PITCH PRACTICE BEGINS
1PM LUNCH
4PM PITCHES
5PM JUDGING + DRINKS

SUPPORT THE EVENT!

There are a number of ways to sponsor or support **>sudo 2017**

- Enter a corporate team. Teams will be 4-6 people with a mixture of skills & abilities
- Provide facilitators as subject matter experts & team mentors
- Support and design one of the key challenges for hackers. Some suggestions:
  - Future HealthTech
  - Smart cities & societies
  - Digital Economic Empowerment

- Event promotion via social and professional networks
- Sponsor the event: via one of our tiered sponsorship packages (available upon request)

For more information contact **Anna Jordan**: info@sudohack2017.com

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