

Edinburgh Napier University's

# ADA LOVELACE DAY WORKSHOPS FOR GIRLS

We would like to welcome you to our university to celebrate Ada Lovelace Day and share science and technology fun, in short workshops, with friendly people.

This free event is aimed at girls who are in their first years at secondary school (S1 to S3), though other girls are welcome.

We will also provide food (please tell us about dietary requirements).

The events culminate in a talk by the fascinating Polly Purvis, OBE, chief of ScotlandIS.

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**Tuesday, 10th October**

**4-7:30pm**

**Edinburgh Napier University**

Register here:

[napier-ada-lovelace-girls.eventbrite.co.uk](http://napier-ada-lovelace-girls.eventbrite.co.uk)



Edinburgh Napier  
UNIVERSITY



# When and where

Tuesday, 10th October, 2017, 4-7:30pm, Edinburgh Napier University

Workshops and food (4-6pm) at Merchiston Campus, 10 Colinton Road, Edinburgh, EH10 5DT

Ada Lovelace Day talk by Polly Purvis OBE (6:30 to 7:30) at Craiglockhart Campus, 219 Colinton Rd, Edinburgh, EH14 1DJ

We will provide transport between the two campuses and refund transport to get people to and from the events. **All free.**

## Ada Lovelace Day

Ada Lovelace Day is an international celebration day of the achievements of women in science, technology, engineering and maths (STEM). It aims to increase the profile of women in STEM and, in doing so, create new role models who will encourage more girls into STEM careers and support women already working in STEM.

## Workshops (at Merchiston Campus)

We are organising several, short, hands-on workshops, exploring fun bits of computing and engineering. Each workshop takes about half an hour, so the girls can experience various workshops. For example:

 *Wear your code, with the Circuit Playground*—a complete wearable computer, packed with sensors and lights. It can easily be used to make anything from a movement responsive badge to a robot, even a dress that flashes in time to music. Workshop participants will be given a take-home kit including a Circuit Playground.

 *Disturbance / Noise! What's it?* In engineering, it refers to interruption/interference. Join the workshop and explore disturbance from the Control Engineer's perspective.

 *Acceleration*—measure acceleration in 3 dimensions including the z-axis (gravity).

 *Make your own Enigma crypto machine*—secure your messages and keep them from prying eyes! This workshop requires the use of glue, paper, scissors, and secrets.

## Food (at Merchiston Campus)

Free packed-teas for girls, parents and teachers. We can provide gluten-free/vegetarian/vegan meals, as long as we know in advance.

## Polly Purvis' Talk, plus Q&A (at Craiglockhart Campus)

Polly Purvis leads ScotlandIS, our national body representing technology companies, from those who make apps for phones to companies making bionic hands. She is committed to making sure girls and young women know that they can have a future in tech and was recently awarded an OBE in the Queen's Honours List. She will be at speaking about her experiences and why we need girls to take the lead in technology. Then she will answer your questions.

(We'll provide buses to Craiglockhart.)

**Please sign up your groups here to help us with organising the event**  
**<https://napier-ada-lovelace-girls.eventbrite.co.uk>**

*Note: that this is a separate registration from the Ada Lovelace Day Talk. We will sign you up for that bit.*

If you've got any questions, please contact Debbie Meharg: [d.meharg@napier.ac.uk](mailto:d.meharg@napier.ac.uk)