

Free Programming Course for CS Teachers

1st September 2016

Dear CS Teacher,

You are invited to the **2016 Festival of Computer Science @ University of Wolverhampton**, on **Saturday 15th October 2016, from 10.00am to 4.00pm, at City Campus (Molineux)**, Wolverhampton, WV1 1AD. A maximum of 150 participants will be admitted. Sign up TODAY at <http://tinyurl.com/WFoCS> and your name will be entered into a prize draw to win one of fifty Amazon vouchers, each worth £50.

The University of Wolverhampton is the recipient of a Google CS4HS award. The Google CS4HS program is an annual funding program to improve the computer science educational ecosystem by providing funding for the development and execution of CS teacher professional development worldwide. To learn more about CS4HS, please visit www.cs4hs.com. Google has provided the University with funding to develop a FREE Java Programming MOOC – Massive Open Online course, which will be launched during the Festival. The programme of events includes a speaker from Google.

The MOOC will focus on the programming elements of the new GCSE and A Level syllabuses. You will learn the fundamentals of computer programming, and object-oriented programming, using the Java programming language. The course will include lessons to assist you with underlying mathematics concepts, and robotics applications using **The Finch**—a small robot designed to inspire and engage learners in programming. The MOOC is self-paced and runs for 8 weeks. Instructors will provide plenty of support, including visits to your school. You could even win a Finch Robot for your institution (one per institution) by completing and submitting all the assignments by **Sunday 29 January 2017**.

Get in touch Patricia.Davies@wlv.ac.uk, and we will provide you with more information!

The Google CS4HS Project Team
@ University of Wolverhampton

2016 Festival of Computer Science @ University of Wolverhampton: funded by Google CS4HS

Saturday 15th October 2016

Programme:

- **10.00 – 10.55: Arrival/ Registration/ Exhibition**
- **11.00 – 11.30: Welcome**
- **11.35 – 12.00: Introduction to Emerging Technologies**
- **12.05 – 12.30: Introducing our MOOC**
- **12.35 – 1.10: Lunch/ Exhibition**
- **1.15 – 2.45: Parallel Sessions (I, II, III, 25 mins sessions)**
 - **I. Maths for Computing**
 - **II. Apps with Finch Robots**
 - **III. Programming in the new GCSE and A Level Computer Science curriculum and our MOOC**
- **2:50 – 3.30: A word from our sponsors (Google Rep)**
- **3:35 – 4.00: Closing/ Q&A**