

WORKSHOP: Introduction to Numbas

Hosted by the Mathematics Resources Centre, University of Bath

Thursday 31st August 2017

10:30 – 16:30

Overview

Numbas is a free and open source platform for authoring of mathematical questions. Features include:

- randomised content
- LaTeX rendering of mathematical notation while you type
- instant feedback to students on tests
- regeneration of randomised practice questions for students

Aims

This event will provide:

- a hands-on introduction to Numbas, including logging on to the **mathcentre** editor, selecting questions to make tests, and writing your own questions.
- a resource swap shop. Opportunity for all delegates to share information on a resource they use.
- information about using Numbas to fill the gaps in **mathcentre**.

The workshop will be primarily led by Christian Lawson-Perfect (e-Learning Officer, School of Mathematics and Statistics, Newcastle University).

Schedule

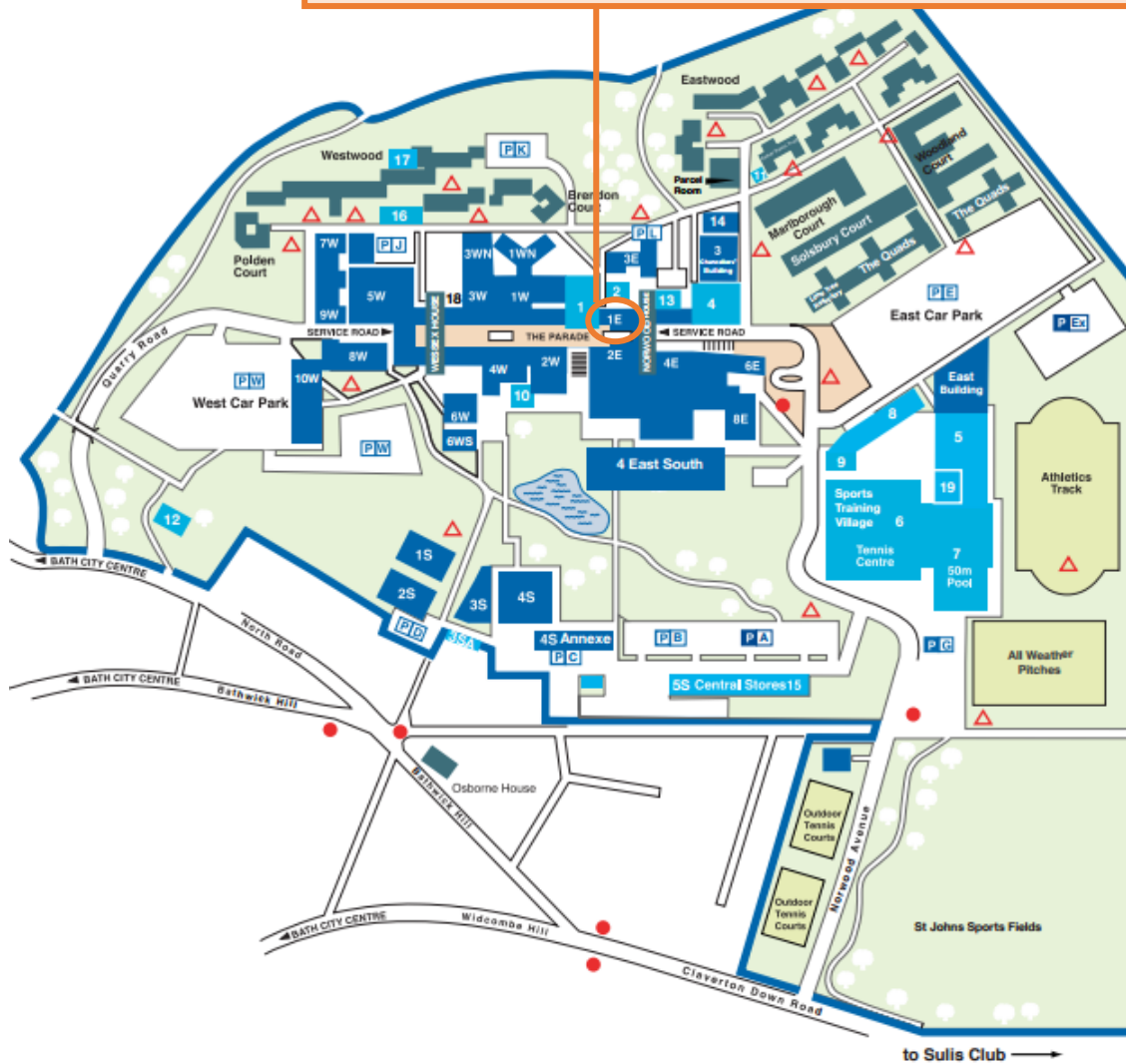
- 10:30 Arrival and refreshments
- 11:00 Numbas Part 1
- 12:45 Resource swap shop
- 13:15 Lunch and networking
- 14:00 Numbas Part 2
- 15:45 mathcentre: filling the gaps using Numbas
- 16:30 Departure

Location

Room 1E3.6, University of Bath, Claverton Down, Bath, BA2 7AY. See next page for a campus map.

Room 1E3.6

Enter building **1E** via Students' Union (**13**) or stairs outside Library (**1**). 1E3.6 is on Level 3, which is one level up from the main Parade. It is wheelchair accessible via a lift in the SU.



Key

CENTRAL ADMINISTRATION

- 4W** Vice-Chancellor's Office
- 4W** University Secretary's Office
- WH** Admissions
- WH** Registry
- The Virgil Building** Finance Office & Purchasing Services
- 6W** International Relations Office
- WH** Student Records & Examinations
- 4W** The Roper Student Services Centre
- WH** Human Resources
- 4W** Graduate Centre
- WH** Marketing & Communications
- East Building** Development & Alumni Relations
- WH** Research & Innovation Services (RIS)
- The Virgil Building** Widening Participation

FACULTY ADMINISTRATION

- WH** Faculty of Science
- 2E** Faculty of Engineering & Design
- 1W 1WN** Faculty of Humanities & Social Sciences
- 3W EB The Edge** School of Management

AMENITIES & SERVICES

- 1** Library - Security and Enquiries
- 2** Chaplaincy Centre
- 3** Chancellors' Building
- 4** Founders Sports Hall
- 5** Athletics throws & jumps/Modern Pentathlon
- 6** Sports Training Village/Sports Café
- 7** 50m Olympic Swimming Pool
- 8** The Edge/Edge Arts/Edge Operations/Management Suite
- 9** Arts Theatre
- 10** University Hall
- 11** Bale Haus (Estates)
- 12** Medical Centre & Dental Centre
- 13** Student Centre, Union Shop
- 14** Estates Office
- 15** Central Stores, Goods Received, Landscape
- 16** West Accommodation Centre
- 17** Westwood Nursery
- 18** Fresh Grocery Store
- 19** Applied Biomechanics Suite
- 8W** IDPS (Imaging, Design and Print Services)
- WH** Post Office, Banks & Shops
- The Virgil Building** Careers Service

DEPARTMENTS

- 4ES 6E** Architecture & Civil Engineering
- 4S** Biology & Biochemistry
- 9W** Chemical Engineering
- 1S 3S** Chemistry
- 1W** Computer Science (Reception 3W 2.03)
- 3E** Economics
- 1WN** Education
- 2E** Electronic & Electrical Engineering
- 6WS 1W Eastwood** Health
- The EDGE 8W** School of Management
- East Building**
- 6W 4W** Mathematical Sciences
- 4E 8E** Mechanical Engineering
- 3S** Natural Sciences
- 5W 7W** Pharmacy & Pharmacology
- 3W** Physics
- 1WN** Politics, Languages and International Studies
- 10W** Psychology
- 3E** Social & Policy Sciences

FOOD & DRINK

- 2W** Claverton Rooms, Parade Bar, Fountain Canteen
- 4W** 4 West Café
- WH** Wessex Restaurant
- The Quads** lime tree refectory
- The Edge** CAFE
- 6** Sports Café
- NH** Plug Bar & the TUB
- NH** Starbucks, Fresh Express, Pitstop, Costa Coffee, Proper Pasty

ACCOMMODATION

- Brendon Court
- Eastwood
- The Lodge
- Marlborough Court
- Norwood House
- Osborne House
- Polden Court
- The Quads
- Solsbury Court
- Westwood
- Woodland Court
- The Woodlands

- City Bus Service
- ▲ Fire Assembly Points
- P** Parking: Pay & Display and Permit Holders
- P** Parking: Permit Holders only

Travel information

We advise all visitors to use public transport if possible. The campus is a short bus or taxi ride from Bath Spa railway station (BTH). Travel advice is available here: <http://www.bath.ac.uk/collections/travel-advice/>

Permits are required to park on campus on a pay-and-display basis. Please inform us when you register if you require a permit. Further information on visitor parking can be found here:

<http://www.bath.ac.uk/corporate-information/visitor-car-parking-on-our-claverton-down-campus/>

Refreshments

Lunch and refreshments will be provided. Please inform us when you register if you have any dietary requirements.

Computing and Wi-Fi

We will use a computer lab, adjacent to 1E3.6, for the Numbas parts of the workshop. Guest log-in access will be made available. You are welcome to bring a laptop to use instead if you wish; you will require internet access and a reasonably modern web browser.

Wi-Fi can be accessed via eduroam.

Resource swap shop

All delegates are invited to speak for a couple of minutes on a resource of their choice. Please let us know in advance via the registration form which resource(s) you would like to share. We will ask for materials, if relevant, two weeks prior to the workshop if you wish to use anything as an aid (e.g. a slide, a weblink).

Disabled access

Full information on campus accessibility can be found here: <http://www.bath.ac.uk/guides/claverton-down-campus-accessibility/>.

Room 1E3.6 and the adjacent computer lab are accessible via wheelchair. Please contact us if you require further information or somebody to meet you when you arrive on campus.

Registration

All attendees are required to register here: <https://goo.gl/forms/ZexiAlZA0onxajhx1>

You will receive an automatic notification when you submit the form. We will provide final confirmation of your booking by email.

UK Professional Standards Framework

For those working towards HEA Fellowship, attendance at and engagement with this event, and reflection on its implications for practice, could help to provide evidence towards elements of the UK Professional Standards Framework: A1, A3, A5, K2, K4, V1.

Queries

Please direct any queries to mash@bath.ac.uk or 01225 384414.