

# CHaOS TALKS

In addition to all of the hands-on activities, this year we're running seven exciting talks packed with demonstrations that are too explosive, messy or tricky to be hands-on!

Each talk lasts around 30 minutes, and is suitable for ages 8+. The talks run in the main lecture theatre of the Zoology Department. Last year these talks filled up quickly, particularly towards the end of the day. Admission to the talks is on a "first come, first served" basis.

## THE TALKS

**9:45 am – 10:15 am** Dave Ansell  
*High voltage science: sparks and more!*

**10:45 am – 11:15 am** Alex Davies  
*What happens if you cut off a blood supply?*

**11:45 am – 12:15 pm** Sonja Dunbar  
*Roses are Red, Violets are Blue:  
A look at colour in the natural world.*

**1:00 pm – 1:30 pm** David Bebb  
*The science of the atmosphere.*

**2:00 pm – 2:30 pm** Philip Garsed  
*Sounds like Science!  
Why things sound the way they do.*

**3:00 pm – 3:30 pm** Lia Chappell  
*Living things: what's inside a cell?*

**4:00 pm – 4:30 pm** Dave Ansell  
*Gases: just load of hot air?*

## THE SPEAKERS

**Dave Ansell** is a CHaOS fanatic, also well known for his work with the *Naked Scientists*. ★ **Alex Davies** is an undergraduate at Clare College, studying pharmacology. ★ **Sonja Dunbar** is a biochemist, currently investigating various colourful proteins. ★ **David Bebb** is a recent graduate in Natural Sciences, specialising in chemistry. ★ **Philip Garsed** is a PhD student in the Engineering Department, developing power electronics for hybrid vehicles. ★ **Lia Chappell** is a PhD student at the Sanger Institute, researching the genetics of Malaria parasites.

# ABOUT CHaOS

CHaOS is Cambridge Hands-On Science, a voluntary student group based in Cambridge. We believe that science is fun, and relevant to everyone! CHaOS take a wide range of hands-on science experiments to a variety of venues around the country, with enthusiastic student demonstrators to explain what each experiment shows and why it's interesting!

Our experiments cover topics ranging from the physics of light and sound, to various aspects of chemistry (including how water can be split into hydrogen and oxygen using electricity!) and the biology of the human body! Many of our experiments have been built by members of CHaOS, and we're constantly trying out new experiment ideas. Have a look for yourself today!

In the 2011–12 academic year we expect to see around 7,000 people at CHaOS events. *Crash, Bang, Squelch!* is our biggest single event, and we expect to see about 2,000 people – unfortunately that's about as many as we can fit in! Each year we see around 4,000 people on our Summer Roadshow, which visits schools and town halls and festivals around the country during July. In early December we also visit Cambridgeshire schools, as well as events run by the local Institute of Physics.

## CONTACT US

See our website for more information:  
[www.chaossience.org.uk](http://www.chaossience.org.uk)

or send us an email at:  
[contact@chaossience.org.uk](mailto:contact@chaossience.org.uk)

We would particularly love to hear from:

- Schools, festivals and town halls who would like a visit from the CHaOS Roadshow.
- Organisations and individuals who would like to help promote or sponsor CHaOS events.



# CRASH BANG SQUELCH! 2012

## visitor guide

[WWW.CHAOSSCIENCE.ORG.UK](http://WWW.CHAOSSCIENCE.ORG.UK)

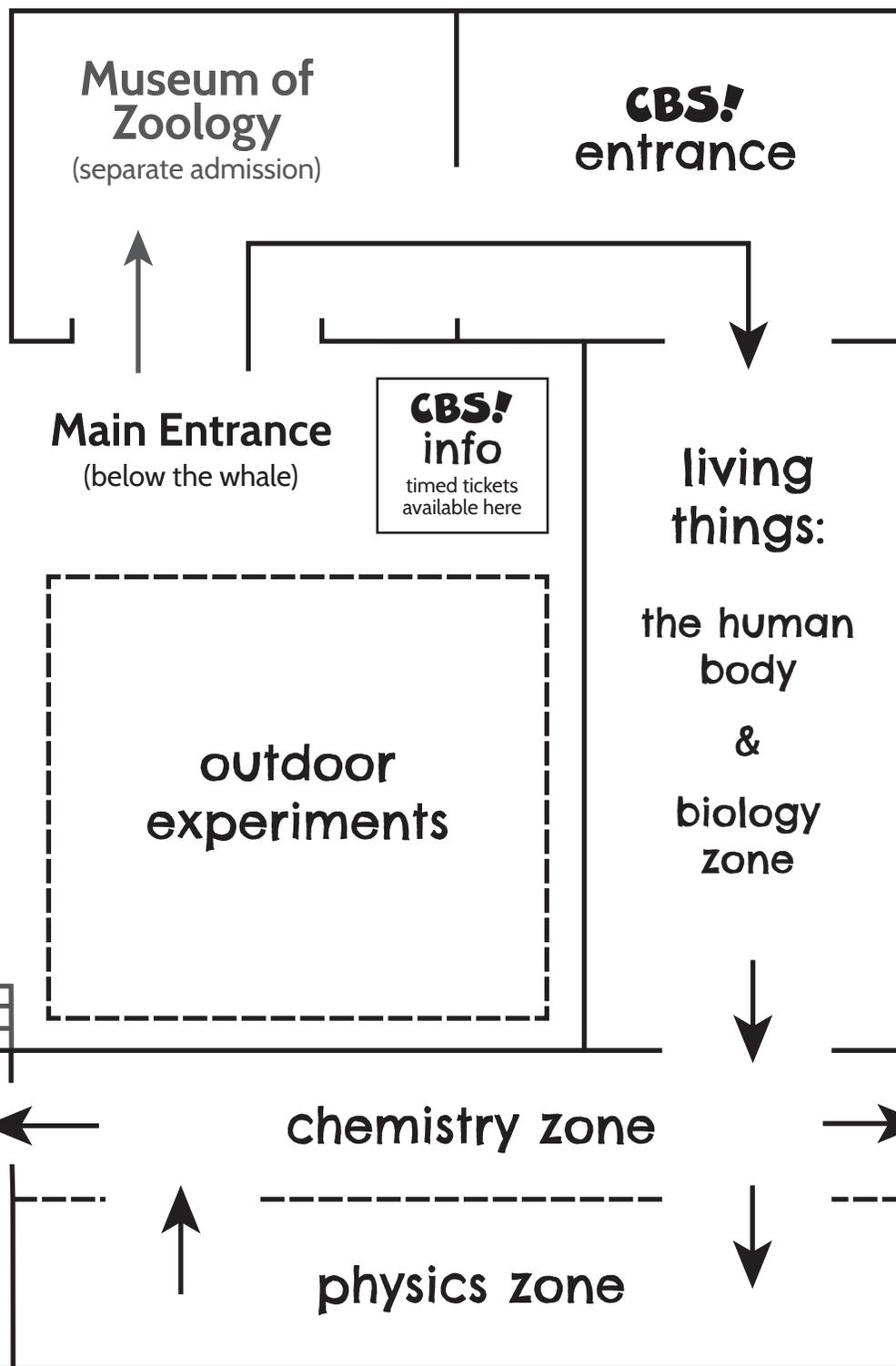


The experiments will be open from 10 am – 5 pm in the Zoology department.

Entrance to CBS! is subject to capacity, and mainly by timed tickets later in the day. If we're full, please try again later!

Note: there is no re-admission after leaving the hands-on labs.

We hope that you enjoy your visit to CBS! and the Cambridge Science Festival!



# CRASH, BANG, SQUELCH!

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