

Mix things up.
Multidisciplinary
Research Week



17–22 March 2013

3rd Annual Multidisciplinary Research Week

17–22 March 2013

Mix things up

Bringing together adventurous minds to achieve the impossible

“Today’s big societal issues are now a strategic focus for universities, government, research councils, business and industry across the globe. Southampton is breaking new ground by integrating the arts, humanities and social sciences with methods drawn from mathematics, engineering or the physical sciences to forecast the likely behaviour of complex systems (social, natural or engineering) and develop new intervention strategies.

Join us for Multidisciplinary Research Week for a programme of activities and events aimed at showcasing some of the different aspects of multidisciplinary work being undertaken at the University of Southampton.”

Professor Don Nutbeam, Vice-Chancellor

To register visit multidisciplinaryweek.eventbrite.com
or email: multidisciplinary@southampton.ac.uk



Follow us on Twitter @multisoton & #MDRWeek

www.southampton.ac.uk/multidisciplinary

Programme

Sunday 17 March 2013

Inaugural TEDx University of Southampton

Venue: Building 67, Room 1027,
Highfield Campus
Time: 10.00–17.00

Monday 18 March 2013

Integrated solutions for multiple global problems through applying the Sustainomics transdisciplinary framework

Speaker: Professor Mohan Munasinghe
Venue: Turner Sims Concert Hall,
Highfield Campus
Time: 10.00–11.00

Cut and Paste Exhibition Launch

Venue: Please refer to
www.southampton.ac.uk/multidisciplinary for full details
Time: The work will be exhibited throughout
Multidisciplinary Research Week

Early Career Researcher's Conference

Venue: Turner Sims Concert Hall,
Highfield Campus
Time: 11.30–13.00

Delivering Impact

Venue: Building 67, Room 1027,
Highfield Campus
Time: 14.00–17.00

Poetry and Science: The Litmus Project

Speakers: Professor Peter Middleton,
Writer James McConnachie and
Dr Ben Waterson with postgraduate
poets and researchers
Venue: Hartley Library Gallery, Level 4,
Highfield Campus
Time: 17.00–18.00
Wine and nibbles from 16.30

Tuesday 19 March 2013

International, Interdisciplinary and 'Intelligently Open' – The Future of Research

Speakers: Professor Jeremy Frey,
Dr Matther Todd and Professor Karl Muller
Venue: Building 67, Room 1003,
Highfield Campus
Time: 10.00–12.00

3DBARE and Music You Can Walk Inside

Speakers: Benjamin Mawson,
Professor Tim Elliot and Godfrey Brandt
Venue: Building 13, Room 3021,
Highfield Campus
Time: 11.00–12.00

Your Brain at the Cocktail Party

Speaker: Jessica Monaghan
Venue: Building 13, Room 3021,
Highfield Campus
Time: 12.00–13.00

New horizons in imaging science

Venue: Building 44, Room 1041,
Highfield Campus
Time: 14.00–16.30 break: 15.30
Wine and nibbles from 16.30

Wednesday 20 March 2013

Complex social-ecological systems: linking theory and reality

Speaker: Professor John Dearing
Venue: Invitation only
Time: 10.00–17.00

Question time: The Brain and Society

Venue: The Bridge Bar, Students Union,
Highfield Campus
Time: 10.00–12.00

Exhibitions

EPSRC funding opportunities: bridging the gap
Curriculum innovation: take control of your degree

Keynote Lecture: The Acoustic Bubble

Speaker: Tim Leighton
Venue: Building 44, Room 1041,
Highfield Campus
Time: 16.00–18.00

Thursday 21 March 2013

A Human Research Vessel across the Atlantic

Speakers: Dr Simon Boxall and
Dr Matthew Mowlem
Venue: National Oceanography Centre,
Charnock Lecture Theatre
Time: 10.00–12.00

Tomorrow's shopping: sustainable consumption in retail & ethical fashion

Speakers: Simon Kemp, the Green
Academy, Emma Waight and Ellie Tighe
Venue: The Nuffield Theatre, Building 6,
Lecture Theatre A, Highfield Campus
Time: 14.00–16.00

Be a green shopper

Venue: The Nuffield Theatre, Building 6,
the Green Room, Highfield Campus
Time: 14.00–17.00

Friday 22 March 2013

Computational Modelling Group annual meeting

Speakers: Professor Hans Fangohr,
Professor Nick Jennings and
Dr Oz Parchment
Venue: The Nuffield Theatre, Building 6,
Lecture Theatre A, Highfield Campus
Time: 09.30–14.00

LifeLab

Venue: Invitation Only

World Water Day: water cooperation

Water quality: addressing global problems at source

Speakers: Dr Jim Wright,
Dr Nick Harris, Sylvia Szabo and
Professor Stephen Gundry
Venue: The Science Learning Centre,
Building 29, Highfield Campus
Time: 09.00–11.00

Energy and Water: Energy for Development

Speaker: Professor AbuBakr Bahaj
Venue: Building 7, Room 3031 (L/R F2),
Highfield Campus
Time: 11.00–12.00

Ecosystem Services for Poverty Alleviation

Speakers: Professor Guy Poppy,
Dr Craig Hutton and Dr Kirsten Probst
Venue: Building 44, Room 1041, Highfield
Campus
Time: 13.00–17.00

'Flow'- For Love of Water

Venue: The Bridge Bar, Students Union,
Highfield Campus
Time: 17.00–19.00

Register online at:

www.southampton.ac.uk/multidisciplinary

Further events may be added to the programme. Please refer to the website for updates.

Refreshments will be provided at all events.
Please see individual listings for details.

Sunday 17 March

Inaugural TEDx University of Southampton

Venue: Building 67, Room 1027, Highfield Campus

Time: 10.00 – 17.00

TEDx comes to the University of Southampton!

The Earth's population has reached 7 billion. By the middle of this century it will hit 8 billion. This will drive a perfect storm of rising food and energy costs; biodiversity loss; and increased migration and conflict; all under the influence of global climate change.

In one respect, development got us into this mess as we have been able to appropriate more of the Earth's resources, to the extent that our waste products and impacts are now seriously threatening our ways of life. Will sustainable development get us out of it? This isn't only a challenge of how to do more with less, but a spectrum of issues that cuts to the centre of what we want - for ourselves, the rest of humanity and the biosphere.

What is it that we want to sustain? What must we keep and what must we lose or exchange? What contributions can we make as individuals, teachers, parents, citizens?

At the TEDx* Southampton event, a combination of live presenters and TED videos will spark deep conversation and connections around the theme of Sustainability.

TEDx was created in the spirit of TED's mission, "ideas worth spreading." The program is designed to give communities, organisations and individuals the opportunity to stimulate dialogue through TED-like experiences at the local level.

We believe passionately in the power of ideas to change attitudes, lives and ultimately, the world. Come and hear how our speakers answer these questions.

Speakers include leading academics from the University of Southampton (incl. Professor AbuBakr Bahaj, Chief Scientific Adviser for Southampton City Council and Simon Kemp, Principle Teaching Fellow in the Faculty of Engineering and the Environment) who will inspire debate on how to create a sustainable university and embed sustainability within our cities. In addition, external high profile speakers will spark debate on a diverse range of blue skies thinking on sustainability.

For the full day's programme, please visit:

www.ted.com/tedx/events/5841

(* TED = Technology, Entertainment and Design)

The first University of Southampton TEDx event is kindly supported by **Public Policy@Southampton**, the external facing public engagement team increasing the reach and impact of University of Southampton research.

TEDx
SouthamptonUniversity
x = independently organized TED event

Blue sky thinking on sustainability at
TEDx University of Southampton



Monday 18 March

Integrated solutions for multiple global problems through applying the Sustainomics transdisciplinary framework

Speaker: Professor Mohan Munasinghe
Venue: Turner Sims Concert Hall, Highfield Campus
Time: 10:00–11:00
Coffee from 09:30

Professor Mohan Munasinghe will discuss the basic principles and methods of Sustainomics and how it will contribute to future global sustainability post the 2015 Millennium Development Goals era.



Professor Mohan Munasinghe shared the 2007 Nobel Prize for Peace, as Vice Chair of the UN Intergovernmental Panel on Climate Change (IPCC-AR4).

Many people believe that leaders are increasingly incapable of dealing with today's multiple and complex problems. Water scarcity, climate change and sustainable development are interlinked problems that pose serious risks to humanity. Water and climate change issues undermine development prospects and worsen existing problems, especially poverty. Short-sighted and piecemeal policies have not proved effective so far. Civil society and business must play a bigger role in helping governments find and implement solutions. In January 2011, the idea of Millennium Consumption Goals (MCGs) was first proposed at the United Nations, because unsustainable patterns of consumption and production have led to multiple problems threatening the future of humanity. MCGs provide an innovative future vision and complement the Millennium Development Goals (MDGs) that aim to help the world's poor.

Website: www.mohanmunasinghe.com

Cut and Paste Exhibition Launch

Venue: Please refer to www.southampton.ac.uk/multidisciplinary for full details.

Timing: The work will be exhibited throughout Multidisciplinary Research Week.

Fine Art students at Winchester School of Art, in collaboration with the Institute of Life Sciences, have drawn upon their lectures on Life Sciences to produce a collective artwork. Level 2 Fine Art students attended lectures on organ transplantation, re-engineering the eye, genetic engineering of plants, and synthetic biology. Now, they are working on a collective artwork using the cut-and-paste of collage to reflect the techniques discussed, and aeroplane imagery to represent the origins, progress, future, and aspirations of life-sciences research. The work will be exhibited throughout Multidisciplinary Research Week. All welcome.



Early Career Researcher's Conference

Venue: Turner Sims Concert Hall, Highfield Campus
Time: 11:30–13:00

The planning and execution of multidisciplinary research projects presents particular challenges associated with the collaboration of individuals with widely varying backgrounds and interests and it can be difficult for early career researchers to get themselves established. Find out how the university's new structure promotes collaboration.

The University is a centre for international excellence in the field of performance sports engineering, contributing to significant UK sporting successes



Delivering Impact

Venue: Building 67, Room 1027, Highfield Campus
Time: 14:00–17:00

Bringing together representatives from the Research Councils and Southampton researchers, the University's Delivering Impact event provides an opportunity to gain a better understanding of impact issues by exploring questions like: what is impact?; what are research councils/funders expecting and looking for?; what does excellent impact look like?

An opening panel session will bring together invited speakers from the research councils for a keynote discussion, offering insights into topics such as the external drivers affecting the impact agenda, institutional support, how the information collected is used by research councils and accelerating impact. This will be followed by an impact showcase featuring examples from Southampton's research portfolio. This interactive session will aim to inspire our research community and help to develop strategic thinking around achieving and demonstrating impact.

Poetry and Science: The Litmus Project

Speakers: Professor Peter Middleton, Writer James McConnachie and Dr Ben Waterson with postgraduate poets and researchers

Venue: Hartley Library Gallery, Level 4,
Highfield Campus

Time: 17:00–18:00
Wine and nibbles available from 16:30

Postgraduate poets, in collaboration with scientists, have drawn upon their research to produce new poems which will be presented at this session. Join Rough Guide travel writer James McConnachie, transport engineer Dr Ben Waterson, and English Professor Peter Middleton to discover how innovative research can link literature and science. Science under the spotlight includes the structure of turbulence, second generation bioethanol applications, a metagenomic approach to change in microbial soil ecology, binding proteins to surfaces using Quantum Mechanics, the expected useful life of the RNLI's Severn class lifeboat, the environmental sustainability of rail travel and lightweight lead acid batteries for hybrid vehicles.

The work will be exhibited in the gallery on Level 4, Hartley Library until March 22nd and in buildings throughout the University after that. All welcome.

Tuesday 19 March

International, Interdisciplinary and 'Intelligently Open' – The Future of Research

Speakers: Professor Jeremy Frey (live at the University of Southampton), Dr Matthew Todd (live from the University of Sydney, Australia) and Professor Karl Muller (live from Pennsylvania State University, USA)

Venue: Building 67, Room 1003, Highfield Campus
Time: 10:00–12:00

At the heart of the Worldwide Universities Network (WUN) is the idea that international and interdisciplinary collaboration fosters and facilitates new and innovative research. This session will show how a WUN project has brought together geographically dispersed research groups to address the difficulties of global collaboration for and across all disciplines in the context of the growing Open Science agenda.



3DBARE and Music You Can Walk Inside

Speaker: Benjamin Mawson, Professor Tim Elliot and Godfrey Brandt. In association with the Institute of Sound and Vibration Research.

Venue: Building 13, Room 3021, Highfield Campus
Time: 11:00–12:00

3DBARE (3D Binaural Audio Rendering Engine) created through a collaboration between Music and ISVR, finally permits a listening experience equal to the richness of the digital studio. Experience immersive virtual audio. Presentation and demo including, “Audio Portrait of a City”, created jointly with Southampton Music Hub and city schools. Introducing “Listening for Infection”, a new collaboration with Medicine and the Diverse Arts and Artists Community Association, representing biomedical complexity in interactive 3D sound.



RTI results of an Antonius Pius coin. Source: James Miles ACRG

New Horizons in Imaging Science

Venue: Building 44, Room 1041, Highfield Campus
Time: 14:00–16:30pm with a break at 15:30pm
Wine and nibbles will be available from 16:30

Modern imaging technology has widened our knowledge and appreciation of the world more than we could have ever imagined. Explore some examples of what new applications in imaging science at the University of Southampton can reveal in areas such as archaeology, health sciences and biological systems through a series of 30 minute presentations by Dr Sumeet Mahajan, Professor Joy Conway, Dr Andrew Shevchuk and Dr Graeme Earl and an introductory overview by Professor Peter J. Smith (Institute for Life Sciences).

Your Brain at the Cocktail Party

Speaker: Jessica Monaghan
Venue: Building 13, Room 3021, Highfield Campus
Time: 12:00–13:00

For people with a hearing impairment listening to a conversation at a cocktail party can be very challenging. By mimicking the way the normal ear and brain transform speech in noise to make it easier to understand we hope to improve performance of hearing aids and automatic speech recognition.

Wednesday 20 March

Question time; The Brain and Society

Venue: The Bridge Bar, Building 42 (Students' Union),
Highfield Campus

Time: 11:00

Free coffee and cakes from 10:00

This stimulating and fun event aims to encourage enquiry, debate and even controversy as leading academics give 5-minute presentations on issues relating to the brain and society before throwing the field open to all-comers. Hear about the issue of criminal responsibility for acts performed whilst intoxicated; how too much self-control, while valued by society, can lead to problems like depression and anorexia; addiction to alcohol and the problem for medicine/the medical profession; whether or not we still have a hunter's brain inside an urban body; memory loss; how taking responsibility to look after the blood vessels of our brain may help to prevent Alzheimer's. Come and debate with our experts! Chaired by Professor Alex Neill (Philosophy), speakers include: Professor Hazel Biggs (Law), Professor Tom Lynch (Psychology), Professor Paul Roderick (Medicine), Professor Clive Gamble (Archaeology) and Dr Roxana Carare (Medicine).

Exhibitions

Venue: The Bridge Bar, Building 42 (Students' Union),
Highfield Campus

EPSRC Bridging the Gaps (BTG) Research

Poster presentations highlighting some of the exciting new research which our academics have undertaken through a new EPSRC-funded initiative designed to enable cross-disciplinary academic innovation and creativity. BTG aims to deliver high-quality projects directed towards the global physical, economic and social challenges that face today's modern world, as well as supporting projects and activities that foster and develop interdisciplinary research activity, particularly between engineering and physical sciences and other disciplines.

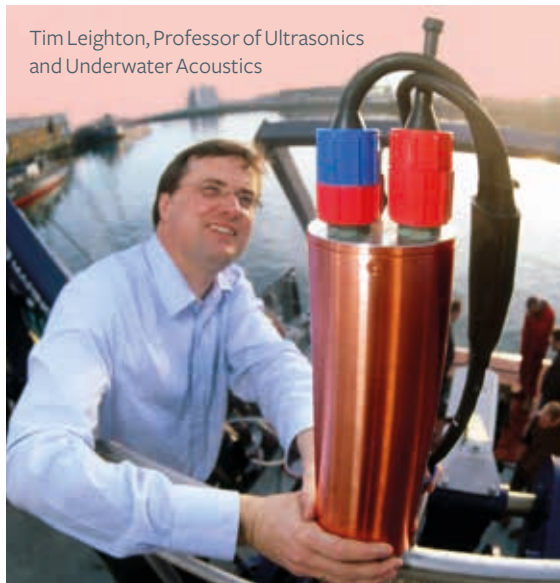
Curriculum innovation: take control of your degree

We are developing an innovative modular approach to our curriculum offerings which allow opportunities for students to exercise choice and personalise their learning across more programmes. Visit the stall to find out how to take control of your degree and enhance your employability.



Enquiry and debate about the brain and society

Tim Leighton, Professor of Ultrasonics and Underwater Acoustics



Keynote Lecture: The Acoustic Bubble

Speaker: Tim Leighton, Professor of Ultrasonics and Underwater Acoustics

Venue: Building 44, Room 1041, Highfield Campus

Time: 16:00

Reception with drinks and nibbles from 17:00

Methane's per-molecule 'greenhouse' heating potential is 20 times that of CO₂, and globally, methane hydrate exceeds twice the worldwide amount of carbon in all known fossil fuels on Earth. Hear how acoustic sensors – amongst the most promising candidate technologies to pinpoint this potentially troubling substance – can also locate reserves of gas in the seabed and detect gas leaks from seabed gas pipelines and carbon capture and storage installations.

Complex social-ecological systems: linking theory and reality

Speaker: Professor John Dearing

Venue: Invitation only

Time: 10:00–17:00

**For further information please contact
multidisciplinary@soton.ac.uk**

Improved understanding of real world social-ecological systems is seen by many as one of the major challenges facing management of food supply, biodiversity and other ecosystem services across the world. Complexity theory – including variants like resilience theory – has pointed to the importance of utilizing mathematical concepts and models to better understand the nonlinear, emergent effects in such complex systems that lead to unpredictable changes such as critical transitions. This EPSRC-funded workshop aims to take stock of how complexity theory may be applied to the understanding and management of urban ecosystems, agricultural landscapes, river catchments and coastal systems.

Thursday 21 March

A Human Research Vessel across the Atlantic

Speakers: Dr Simon Boxall and Dr Matthew Mowlem

Venue: National Oceanography Centre,
Charnock Lecture Theatre

Time: 10:00–12:00

TV presenter and wildlife campaigner Ben Fogle plans to swim 3,000 miles across the Atlantic in 100 days in a bid to raise awareness of humanity's impact on marine life, such as overfishing and plastic waste. Dr Simon Boxall and Dr Matthew Mowlem will describe their unique research project where new micro sensor technology will be attached to Ben during his epic Atlantic Challenge, providing valuable information about the marine environment - such as temperature, currents and marine organisms - in remote areas that cannot usually be sampled. This event is in association with the Southampton Marine and Maritime Institute.

Tomorrow's shopping: sustainable consumption in retail & ethical fashion

Speakers: Simon Kemp, Jennie Hurst, Emma Waight and

Ellie Tighe

Venue: The Nuffield Theatre, Building 6,
Lecture Theatre A, Highfield Campus

Time: 14:00–16:00

Consumption patterns and lifestyles are radically changing, resulting in unprecedented pressure on the environment. Retailers occupy a unique position of influence in the chain to promote sustainable consumption not only via their daily contact with millions of consumers, but also through their partnerships with suppliers. Simon Kemp and Jennie Hurst will discuss their research for improvements in environmental management across the retail sector in relation to the award winning West Quay shopping centre. Emma Waight and Ellie Tighe will discuss the future of ethical fashion and what practical things we can do to create change and alter consumer shopping habits. This event is in association with the Sustainability Science at Southampton University Strategic Research Group (USRG) and the Sustainability Education and Global Citizens Programme.

Be a green shopper

Venue: The Nuffield Theatre, Building 6,
the Green Room, Highfield Campus

Time: 14:00–17:00

Create your own eco-friendly shopping bag from recycled material. The University 60th Anniversary 'Changing the world' campaign banners will be used as the material and will create a long-lasting legacy of sustainability within the University. This event is in association with the Sustainability Science at Southampton USRG.



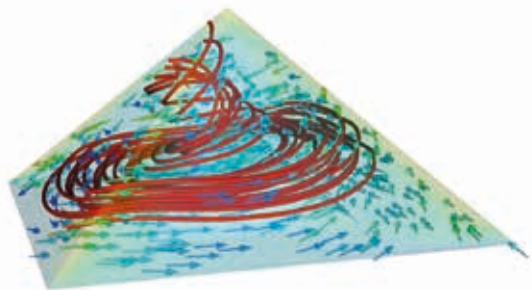
Become a Green Shopper and help
minimise your environmental impact

Friday 22 March

Computational Modelling Group annual meeting

Speakers: Professor Hans Fangohr,
Professor Nick Jennings and Dr Oz Parchment
Venue: The Nuffield Theatre, Building 6,
Lecture Theatre A, Highfield Campus
Time: 09:30–14.00

Computational Modelling is all about formulating and modelling real-world problems and then developing solution methods to solve the problems on a computer. Researchers are increasingly using computers to simulate experiments and predict the quality of untested policies, designs and technology. Supercomputing allows scientists and engineers to solve problems, often cross discipline boundaries, that they have previously been unable to tackle. Professor Nick Jennings will discuss his modelling around effective disaster response, exploiting CCTV data, unmanned air vehicles, and crowd generated content. Dr Oz Parchment will introduce the University's new £3m Supercomputer Iridis 4. Finalists of the Iridis supercomputer competition will present on their work, along with posters of other computational research being carried out will be on display.



Visualisation of computer simulation results showing the magnetisation vector field in a hollow Nickel pyramid with an edge length of 500 nanometres



LifeLab

Venue: Invitation Only

**For further information please contact
multidisciplinary@southampton.ac.uk**

A class of Year 9 students will be visiting Southampton General Hospital to participate in a LifeLab activity day. This innovative education programme is a partnership between the Faculty of Medicine, Southampton Education School, the National Institute for Health Research, the Nutrition Biomedical Research Centre, the Science Learning Centre South East, the Medical Research Council Lifecourse Epidemiology Unit, Southampton schools, and local government. School students taking part in LifeLab are able to scan their carotid arteries with a portable ultrasound machine, measure muscle and bone strength, investigate placental function and see their own DNA. LifeLab aims to engage 11-16 year old students with the science behind chronic diseases and discover first hand how their diets and lifestyles lay the foundations for a healthier life, and how their own health is linked to the health of the children they may have in the future.

For further information, please visit:
www.som.soton.ac.uk/research/sites/lifelab/



World Water Day: water cooperation

In association with the Southampton WaterAid local group.

This year we join the global community in the UN International Year of Water Cooperation. Water cooperation has multiple dimensions and a multidisciplinary approach and is therefore essential to grasp the many facets and blend them into a holistic vision. Come and celebrate. Join us for this exciting day of engaging speakers and dynamic demos.

Water quality: addressing global problems at source

Speakers: Dr Jim Wright, Dr Nick Harris, Sylvia Szabo from the University of Southampton; WaterAid and Professor Stephen Gundry from the University of Bristol

Venue: The Science Learning Centre, Building 29, Highfield Campus

Time: 09:00–11:00

Professor Jim Wright will discuss his innovative work with the University of Bristol on the Aquatest Research Programme which aims to develop a user-friendly water quality test which can be used directly at the water source in developing countries. The talk will be accompanied by an interactive demo on the Aquatest device, provided by Professor Stephen Gundry from the University of Bristol.

Sylvia Szabo will discuss her latest research developments on the relationship between human capital and access to safe drinking water in developing countries.

A dynamic demo on innovative methods to monitor the chloride levels in aquatic environments will be available by Dr Nick Harris and accompanied by a poster display detailing post graduate work on collaborative networks in water quality management at the catchment scale.

Find out more about WaterAid's programme to transform lives by improving access to safe water, hygiene and sanitation in the world's poorest communities, including WaterAid's biggest ever corporate partnership- the HSBC Water Programme.

Energy and Water: Energy for Development

Speaker: Professor AbuBakr Bahaj

Venue: Building 7, Room 3031 (L/R F2), Highfield Campus

Time: 11:00–12:00

Come and find out how the technologies of energy fit into the challenges of a sustainable water supply. From water wheels to how a solar canopy enables water storage for use throughout the year.

Ecosystem Services for Poverty Alleviation

Speakers: Professor Guy Poppy, Dr Craig Hutton, Dr Kirsten Probst (German Development Agency, GIZ)

Venue: Building 44, Room 1041, Highfield Campus

Time: 13:00–17:00

Ecosystem services describes the multitude of resources from nature, that humans benefit from, such as clean air, water, and food. As human populations grow, so do the demands on resources. Current ecosystem services research at Southampton seeks to improve the lives of more than one billion people living in poverty around the world by providing policy makers with tools to enable them to manage ecosystems sustainably, and reduce poverty.



13:00 Finger buffet and refreshments

13:30 Professor Guy Poppy will present the ASSETS project which is developing modelling and risk management tools to address issues linked with food security and nutritional health for the millions of rural poor living in the forest and agriculture landscapes in Amazonia and Sub-Saharan Africa.

14:00 Dr Craig Hutton will discuss the ESPA Deltas Project, highlighting research being carried out in Bangladesh to evaluate the effects of development policy decisions on people's living conditions. River deltas are home to an estimated 500 million people globally living in significant poverty, with particular concentrations in coastal Asia and Africa.

Both of Professor Poppy's and Dr Hutton's projects are working in close relationship with the local governments and global partners from whom we will have video statements.

15:00 Tea/Coffee Break

15:30 The external speakers of today's event, Dr Kirsten Probst, ecosystem services expert of the German Development Agency, GIZ and a representative of a donor agency will specify the research needs of their organisations and highlight how scientific knowledge can benefit local populations.

16:00 Panel discussion and questions from the audience

16:50 Closure

‘Flow’ – For Love of Water

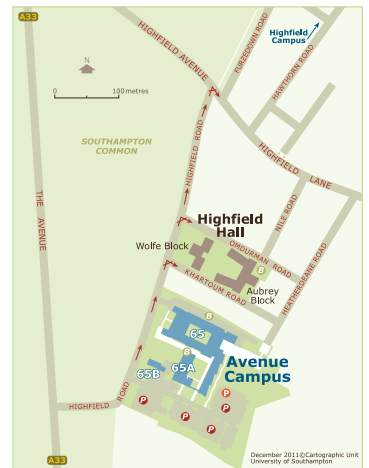
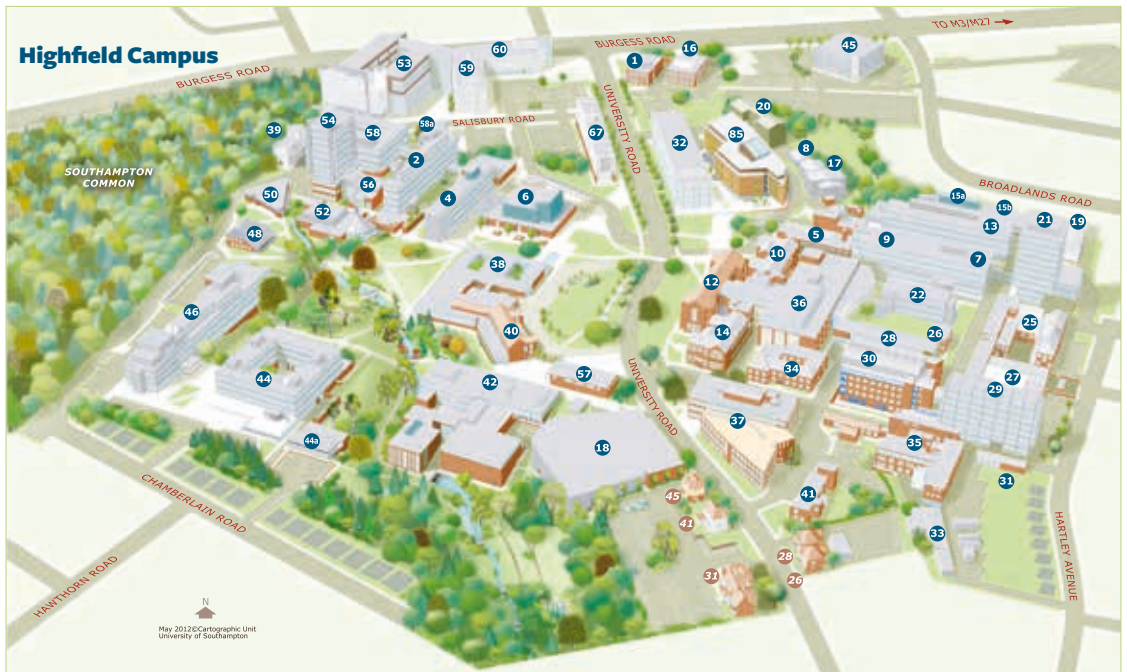
Venue: The Bridge Bar, Students Union,
Highfield Campus

Time: 17:00–19:00

Can anyone really own water? Irena Salina's award-winning documentary investigation into what experts label the most important political and environmental issue of the 21st century - the world water crisis. Salina builds a case against the growing privatization of the world's dwindling fresh water supply with an unflinching focus on politics, pollution, human rights, and the emergence of a domineering world water cartel. Beyond identifying the problem, FLOW also gives viewers a look at the people and institutions providing practical solutions to the water crisis and those developing new technologies, which are fast becoming blueprints for a successful global and economic turnaround.



Campus maps



To find out more about how you can get involved visit:

www.southampton.ac.uk/multidisciplinary

The Multidisciplinary Research strategy is led by Pro Vice-Chancellor Professor Phillip Nelson and Director of Multidisciplinary Research Strategy Professor Guy Poppy. The co-ordinating staff are based in Research and Innovation Services.

The University of Southampton has currently identified 11 USRGs and two Institutes that build on our current areas of expertise. Each theme draws together researchers from across the University, combining our research in engineering, social sciences, biological and physical sciences, medicine and health technologies as well as law, management and art.

To find out more or to become a member of a particular group please contact: multidisciplinary@soton.ac.uk

Multidisciplinary Research Groups at the University of Southampton

Ageing and Lifelong Health

Complexity in Real-World Contexts

Computationally Intensive Imaging

Digital Economy

Energy

Health Technologies

NanoScience

Neurosciences

Population Health

Sustainability Science at Southampton

Work Futures Research Centre

Institute for Life Sciences

Southampton Marine and Maritime Institute

Supported by
Public Policy@Southampton

Other public events happening at the University of Southampton:

Southampton Science and Engineering Festival
16 to 23 March 2013

For full details, please visit:

www.southampton.ac.uk/scienceweek

Multidisciplinary Research Week 2014

If you have an event you would like to include next year, please get in touch! Contact details can be found at:
www.southampton.ac.uk/multidisciplinary/contact.page

www.southampton.ac.uk/multidisciplinary
multidisciplinary@southampton.ac.uk
+44 (0)23 8059 8572

Scan the QR code with
your smartphone for
more information



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