



open campusday

Saturday 7th May 2005

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*Forty years of
innovation*

THE UNIVERSITY OF
WARWICK

open campusday

Saturday 7th May 2005

Dear Visitor

Welcome to Warwick. I hope that you enjoy this special 40th Anniversary Open Campus Day.

Forty years ago, where you are standing now was agricultural land. Lord 'Jack' Butterworth, the first chancellor, launched Warwick in 1965 with an ambitious vision for the future. In 2005, our international reputation, our place in the Top 5 UK Universities and our wonderful Campus are all due in no small respect, to his determination and to the hard work and dedication of the whole Warwick Community.

This anniversary is an important milestone and an excellent reason to celebrate our accomplishments and to look to the future. Today we will be showcasing the research activities of our departments supported by public lectures and exhibitions. We also hope that you will enjoy the art, music and the street entertainers. If you have never been to Campus before and always wondered what goes on here, this is your chance to find out. We are delighted to welcome our neighbours in the local community who will find all the information they need about short leisure courses, employment opportunities and cultural facilities.

I would also like to extend a special welcome to the many Warwick alumni who have returned to Campus today from all over the UK and beyond. You are, and will continue to be, a vital part of Warwick's success.

Have a very enjoyable day.

With best wishes



Professor David VandeLinde
Vice-Chancellor
The University of Warwick

HOW TO USE YOUR PROGRAMME

Details of events and a map of the University are included so that you can plan your day to see as much as possible. Please refer to the map for details of the locations of the various events. The figures on the map refer to the buildings mentioned in the programme. The back page of this programme provides a timetable which will help you plan your day.

HELP!

Not sure what to do? Not sure where to go? Take a Campus Tour and find out!

Campus Tours will be leaving every 15 minutes. Get a ticket at Rootes Reception (marked 8 on your map). Your Warwick Welcome Service Student Guide will tell you where that is. Not only will you find out what is happening where and when today, but also what it is really like at Warwick, from the people who study here and know all there is to know!

Look out for Warwick Welcome Service Student Guides and University staff in blue t-shirts with a large 40 on the back; they will be pleased to help you.

TRANSPORT

Please note that it will take approximately 10-15 minutes to walk between University House and Central Campus. Shuttle buses will run between University House, Central Campus and Gibbet Hill Campus for visitors with disabilities.

ALL ENQUIRIES

There will be one **central information point** for all enquiries: Rootes Reception (marked 8 on the map). Tickets for tours and ticketed events, extra programmes, help and information and a lost children point will be available in Rootes Reception (Marked 8 on the map). There are additional information points also marked on the map. These will be at University House 1, the Zeeman Building 3, Science concourse 2, International Manufacturing Centre 10 and Arts Centre 7. Student Guides and members of staff (all wearing blue t-shirts) will be on hand to help you find your way or to answer your general questions. Just stop them and ask!!

GIBBET HILL CAMPUS

If you wish to attend the exciting lectures from Medical School and Biological Sciences

on the Gibbet Hill part of Campus, please note that there will be minibuses available to take you up the hill. Ask at Rootes Reception for help 8. Should you wish to attend sessions at Gibbet Hill 4 and walk, then please refer to the map at the back of the programme for directions or ask at an information point for help.

FEELING HUNGRY OR THIRSTY?

Why not sample the wide range of food available on Campus? For that real summer party feel, "Hot Beef Shacks" will be serving barbequed food from 11.00am. Otherwise, a choice of hot meals, salads and snacks are available in the Campus restaurants all day. Costcutter supermarket also stocks sandwiches and snacks.

VISITORS WITH DISABILITIES

The Campus is generally accessible for those with mobility difficulties, although there are a few areas where assistance may be required. If you find you have a problem, please ask a member of staff or a student guide for assistance.

SAFETY

Please make sure that you obey all safety and warning signs while you are on Campus. You should take special care in the science and manufacturing areas and, if you are attending a demonstration, please do not touch any equipment unless invited to do so.

IN CASE OF AN EMERGENCY

Contact the nearest member of University staff or Warwick Welcome Student Guide. In the event of a fire alarm, you are requested to vacate the building immediately by the nearest exit. Do not use the lifts and remain outside until informed by a member of University staff that you may re-enter. **First Aid stations** can be found at Rootes Reception 8 and University House 1. The **lost children point** is at Rootes Reception 8.

The University of Warwick would like to offer a warm welcome to all of its alumni and friends to help celebrate our 40th Anniversary. We hope you enjoy the full programme of events we have arranged for you today.

So what shall we do today? So much choice, so few hours!

If you have not already done so, take a Campus Tour 8. If you are new to the Campus it will help you orient yourself and decide what to do and see. If you haven't visited us for a long time, there will be many new sites for you to find out about and today's students will be able to tell you how things have really changed!

After that, consult your timetable and map and have a GREAT day!

Some of the things you may be interested in:

Tomorrow's World?

Talks on what the world will look like in 2045 - Will China rule the world? How will the human race change? (Raphael Building 5).

Tomorrow's World Today?

Over the last 40 years, the University of Warwick has been a platform for the successful rise of innovative companies, from miracle cars to sports equipment of the future. You can come and pitch yourself against robotic footballers. So, for all you budding inventors out there, the place to be is the Zeeman Building 3 which is showcasing 40 years of research and innovation at Warwick all day.

Archaeology Tour of Campus



A talk by our expert, Dr Stephen Hill, supported by artefacts and the launch of the digitally-augmented 3D Campus map! If that's not enough, Stephen will then take you on a guided tour of the University's archaeological sites. We start in the Learning Grid in University House at 12noon (1 on the map). Tickets available from Rootes Reception 8.

Geology Tours of Campus

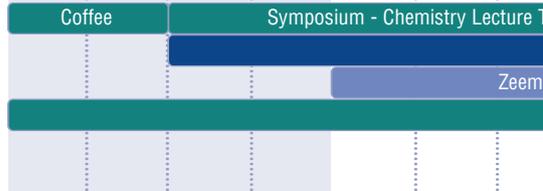


Enjoy walking in the countryside? Then this could be one for you. The University Campus lies on rock formations laid down some 250 million years ago in arid conditions when Warwickshire was close to the equator. Come for a walk with Open Studies tutor Martyn Bradley and see how these red rocks influence aspects of the University landscape and how this was modified by the ice age and by our more recent climates. Walks start from Car Park 2 below the Rootes Residences at 10.30am and 2pm, lasting up to one hour. Children under the age of 16 need to be accompanied by a responsible adult. Tickets available from Rootes Reception 8.



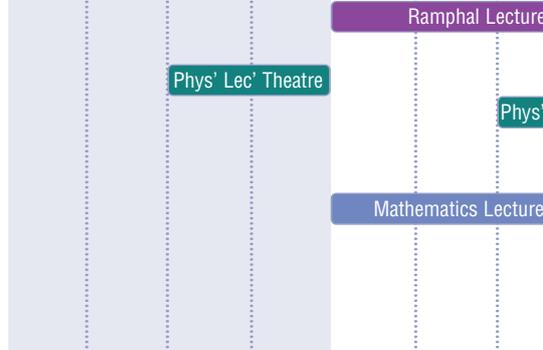
Departmental Celebrations

- Chemistry Symposium and Reunion
- Centre for Lifelong Learning Open Day
- Mathematics Lecture and Reunion
- Physics Talks and Demonstrations
- Sociology Reunion and talks (**Invitation only**)
- CELTE Archive Launch (**Invitation only**)



Lectures and Talks

- The World in 2045: "Who will rule the world in 2045" - Professor Shaun Breslin - Politics
- The World in 2045: "Science or Fiction? How will we live, work, play and reproduce" - Professor Jack Cohen
- Prof Chris McConville "Einstein and the Photoelectric Effect"
- Prof Paul Harrison "Cosmic Particles"
- Dr Rudolf Roemer "El Nino and Climate Change"
- Prof Sandra Chapman "Art and Science in Antarctica"
- Mathematics Lecture - "Applications of Catastrophe Theory to Darwinian Evolution" - Sir Christopher Zeeman
- Medical School Talks
- Biomedical Research Institute Talks
- "Campus Development over the past 40 years" - Liz Pride - University Architect
- "Superior Buyer - Seller Relationships: It's All About Sex and Money" - Nigel Piercy



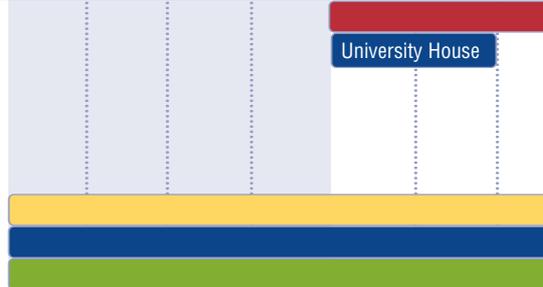
Tours - Get your tickets from Rootes Reception 8

- Discover Warwick Campus Tours
- Archaeology Tour / 3-D Visualisation - Dr Stephen Hill
- Geology Tour - Martyn Bradley
- Geology Tour - Martyn Bradley



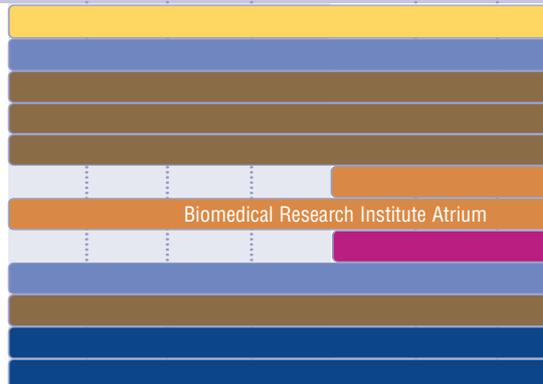
Arts / Music / Interests

- Art Workshops - Open Studies Staff
- Renaissance Players - Atrium
- Renaissance Players - Atrium
- Coull Quartet and Mark Rowan-Hull - Atrium
- Big Band
- Revelation Gospel Choir
- All day music provided by the Music Centre, the orchestras and music societies.
- Genealogy / Memories
- Sports at Warwick - "A Day in the Life"



Showcases - Things to look at and do

- Campus Development Display/Photographs
- 40 years of Innovation at Warwick
- Warwick Manufacturing Group Displays and Interactive Inventions
- Robot Football Demonstrations
- Warwick HRI Display
- Medical School Showcase and meet staff & students
- Biomedical Research Institute showcase and tour of laboratories
- Warwick Business School Open House
- Warwick Environmental Network Display
- Warwick Formula Student Racing Car
- Job Opportunities at Warwick
- Studying at Warwick



Students' Union

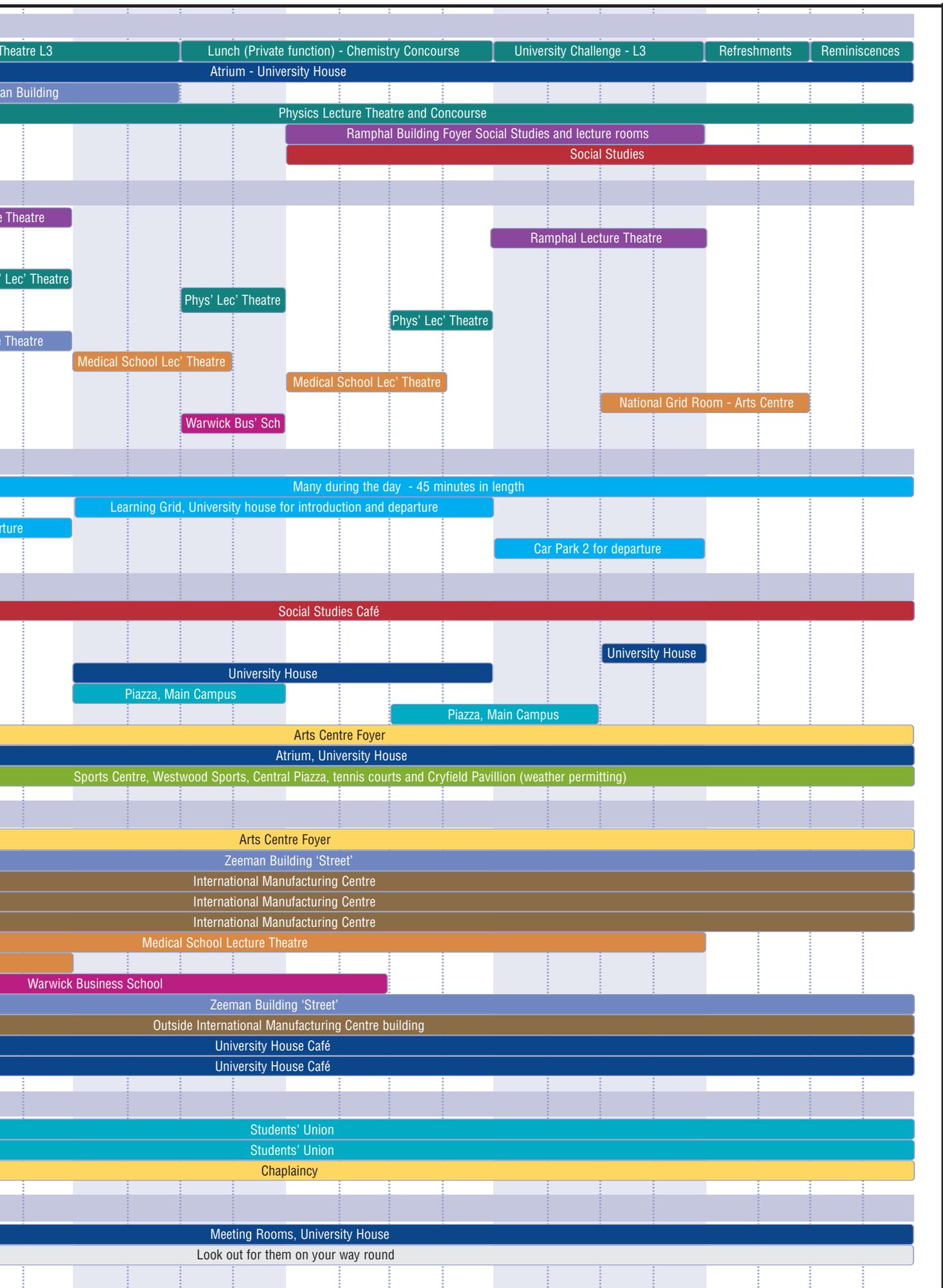
- Display of 30 years of the Union at Warwick
- Music and Demonstrations of Sport etc.
- Chaplaincy Open Doors / tea & coffee



Children

- Story Telling by age group, Lifelong Learning
- Street Entertainers, face painting, balloons







Many departments will be holding reunions and/or showcasing their work, including

Warwick Manufacturing Group (WMG) is one of the major academically based manufacturing groups in Europe. Its mission is to improve competitiveness through the application of value adding innovation, new technologies and skills, bringing academic rigour to industrial and organisational practice.

For the University's 40th Anniversary, WMG is proud to display a range of internationally leading research activity and exciting undergraduate group projects in its International Manufacturing Centre (IMC). Activities on display in the IMC building (marked 10 on the map) include:

Research

- Product Perception – whole vehicle simulation and evaluation of sound quality (tickets required if you want to try this out, from IMC Reception 10);
- Visualisation – the ability to interact with virtual representations of the environment;
- Materials – exciting innovations in multi-material products and opportunities for sustainable materials;
- Manufacturing – demonstrations of cutting edge manufacturing processes;
- Laser processing – the use of high performance lasers in a wide range of applications.

Undergraduate

- Robot Football – timed displays of Warwick's robot football team;
- Formula Student – Warwick's racing car.

Warwick HRI is the University's newest department, formed on 1 April 2004, when Horticulture Research International sites at Wellesbourne in Warwickshire and Kirton in Lincolnshire joined with the University of Warwick. Warwick HRI's extensive facilities allow them to carry out basic, strategic and applied research, utilising state-of-the-art laboratories, computer controlled glasshouses, controlled environment units and over 240 hectares of land. They have a stand in the IMC building (marked 10) featuring their world-class research into plant and microbial sciences. So go and visit them to find out the answers to the following questions: Brassicas – aren't they just vegetables? Biopesticides – bugs eating bugs? Wood – can't see it for the trees?

The Centre for Lifelong Learning will be inviting you to explore their wide range of courses. Whatever your reasons for thinking about studying: exploring a favourite subject, discovering a new interest, personal development, help with your career or a hobby, there will be something to suit your needs. Come and have a chat with the staff and students from the Centre in University House 1.

Chemistry are marking their own 40th Anniversary; celebrating their continuing success and thanking long-term members of staff who will now be retiring. They are holding an Anniversary Symposium in the Chemistry lecture theatre (marked 2). Leading-edge alumni will be returning to talk about their memories and significant achievements. Speakers from the famous Open University broadcasts of the 70s and 80s, success stories from industry and academia, and award-winning scientists who operate at Warwick currently (including our very own Observer "Alpha Female" Julie Macpherson) are all included. Further events will be held in the Chemistry concourse (marked 2). This will be followed by a University Challenge style event where retirees, current staff and academics compete aggressively with alumni for the departmental prize! After lunch there will be further talks and anecdotes about how Warwick used to be.

Physics will be having a day of demonstrations and talks and if you get thirsty they will even offer you tea or coffee! (2 on the map). There will be four talks during the day on subject as diverse as:

- *Einstein's discoveries are celebrating their 100th anniversary this year.* Although his theory of relativity is best known, it is the photoelectric effect that has the greatest influence on our everyday lives, as Professor McConville will explain.
- *Cosmic particles:* The Earth is continually bombarded from space by very high energy elementary particles. Their properties, and how they can be used to understand some of the most fundamental questions about matter, will be described by Professor Harrison.

- *Climate change:* El Nino is the name for the disruption of heat transfer between the ocean currents and the atmosphere in the Pacific. The importance of understanding its critical effect on our climate will be explained by Dr Roemer.
- *Art /science in Antarctica:* Professor Sandra Chapman, a Warwick astrophysicist and also an artist, will describe the several months she spent in Antarctica with illustrations from her art and science.

In **Mathematics**, our world-renowned founding Professor, Sir Christopher Zeeman will be giving a public lecture titled "Applications of Catastrophe Theory to Darwinian Evolution" in the Zeeman building at 11am **3**.

Up at **Gibbet Hill** **4**, not only will you be able to visit the **BioMedical Research Institute** for guided tours from 10.00am but you can also attend two short talks starting at 1pm in the Medical School Lecture Theatre **4**. Professor Howard Dalton FRS, Chairman of Biological Sciences 1999-2002 and now Chief Scientific Advisor and Director General - Science, Economics and Statistics Directorate, DEFRA, will describe the changing face of Biological Sciences from 1972 to the present. In the second talk Dr Dave Hodgson will also describe his life and time at Warwick - he was one of the first cohort of undergraduates in 1975 and is now a Reader in Microbiology at the BioMedical Research Institute.

And indeed, for those of you interested in medicine and health, the **Medical School** will be open to guests to see and hear about the world-class medical research that is undertaken at the University's newest major department. A poster presentation throughout the day will give an idea of the breadth of the research themes, but a more detailed insight is available from 12 - 12.45 at the talks given by the School's leading academics.

Interested in the world of Art and Music?

The world renowned **Coull Quartet** will be performing with the artist **Mark Rowan-Hull** painting to a classical repertoire. The Coull Quartet will perform Debussy's Quartet and parts of their latest commission 'Birdsong Bagatelles', by Edward Cowie. They will be joined by the artist Mark Rowan-Hull, who will paint what he 'hears' in the music; and by the conductor Christopher Gayford who has developed simple listening techniques to enhance our enjoyment of music. See and hear them at 12 noon in University House **1**.

Classical, Renaissance, Gospel and other concerts will be held in the University House Atrium **1**, the Arts Centre **7** and the Piazza **8** throughout the day. As part of this musical extravaganza, the Arts Centre will have: the Chamber Choir at 12noon, the String Orchestra at 1pm, the Consort at 1.30pm and Gaudeamus at 2.30pm: all playing for your pleasure.

You should also make time to come, listen and enjoy the scintillating sounds of our

Renaissance music students led by tutor Val Brodie. What better way to spend a delightful half hour catching your breath and drifting back to a bygone era? There will be two performances in the University House Atrium **1**. Consult your programme for times.

Art for all! Join in with our trio of artists under the wonderful Wisteria walk by **Social Studies** **6**. Have a go with acrylics, watercolours, pencils and charcoals and discover the artist within. Everyone welcome.

Anyone interested in sports?

Events are running across the Campus, including cricket and tennis as well as a number of sports showcased at the Westwood sports pitches. In the Sports Centre (marked **9**) you can watch basketball, badminton, summer hockey and much more. In the Students' Union **8** and on the Piazza **8** representatives from a variety of our 200 Sports Clubs and Societies will be showcasing what they do (including martial arts displays) and will be happy to answer any questions.

Want to find out more about Warwick? Interested in local history? Do you remember any of this? Recognise yourself?

The University architect Liz Pride will be giving a talk about the development of the Campus at 2.30pm in the National Grid Room (Arts Centre **7**). This will be supported by a display of campus development plans and photographs. Our buildings surveyor, Dennis Welchman, will be on hand to answer any questions you may have.



Family history? Memories of Warwick you would like to share?

Find out more about your past. Visit Karen and Caroline and some of their students to discover how to go about tracing those tricky ancestors. Also bring us your old photographs and memorabilia of 40 years of the University. We are always on the look-out for interesting things to add to the archive. Visit this stand in the Learning Grid in **University House 1**.

Are you interested in working at Warwick or studying here?

Personnel Services are always looking for all sorts of people and they would love you to come and see them at their recruitment stand in **University House 1** to find out what opportunities we have on offer and what it is like to work at the University.

The Student Recruitment and Admissions Office will also have a stand in **University House 1**. Just go and chat to them. They will be pleased to see you.

Noticed the projections onto the buildings? This show is called "40 years of light".

In recognition of the consistent contribution the University of Warwick has made to Higher Education, national and local economy and culture, a series of projections onto University buildings shows how fundamental this contribution has been. It will also show the importance of the University to those who have lived and worked here throughout the last forty years.

Striking Projections up to 20 metres (66 ft) high will be used to show achievements, student life and political activity, site development and current research and intellectual activity at Warwick at 12 sites across central Campus.

Best seen after dark, these projections will provide the viewer with an intriguing and rewarding experience as they walk round Campus at night (or early morning!)

Specifically for our younger visitors:

Storytelling in University House Atrium **1** at 11am, 12 noon, 1pm and 2pm - each session will last 20 - 30 minutes and there will be one open to under 5s and one for 5-8 yr olds. Tickets available from Rootes Reception **8**.

Street entertainment, unicyclist, juggler, clown, poet, you name it they will be here to entertain you. And whilst the children watch you can even buy them an ice cream or two.

Walks around the lakes: the Campus has lovely lakes and grassy areas where you can take your children to see ducks, geese, butterflies and other exciting wildlife or even have a picnic. Walk with them through Tocil woods and see if the bluebells are out yet. (Campus walks maps available from Rootes Reception **8** on request).

The Warwick Environment Network (WEN) will have a display in the **Zeeman Building 3**. These posters, specifically designed for children (age range 10-13), explain cyclic (natural waste resource streams) compared with linear (man-made) waste flows.

myopen campusday

| Time | Event name | Location |
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special 40th open campusday cinema offer

warwick arts centre
COVENTRY

To help you celebrate our 40th anniversary, Warwick Arts Centre is offering a specially discounted rate of £3.50 per ticket for any film screening today. Simply present this voucher at the Box Office to claim up to 2 tickets.

Hotel Rwanda (12a) 4pm, 9.15pm

Life is a Miracle (15) 6.30pm

Other events in Warwick Arts Centre today include:

Honk! (family student show ages 5+) 2.30pm, 7.30pm

The Gardener (family show ages 3+) 2pm

Doorman/Bouncer 7.45pm

Please contact the box office for further information. 024 7652 4524
www.warwickartscentre.co.uk

Forty years of
innovation