



University
of Dundee



FESTIVAL OF THE FUTURE

16 – 20 October
2019

MUSIC / SCIENCE / WORDS / ART /
DESIGN / DANCE / THEATRE / FOOD



MUSIC / S
WORDS /
DESIGN /
THEATRE

**Welcome to the
2nd edition of
Festival of the
Future from the
University of
Dundee. Festival
of the Future is
an opportunity
to celebrate
and shout about
great things
happening in
the University
of Dundee and
the City.**

FESTIVAL INTRODUCTION

We are delighted to welcome you to our second Festival of the Future, the University of Dundee's celebration of science, arts and culture, with over 50 events across 5 days in Bonar Hall and other venues around the city.

This year, in collaboration with a range of partners including Dundee Science Festival, DCA and Dundee Rep Theatre, we will journey to Mars, discuss robots, act as a jury, create comic strips, learn how to recycle clothes and jewellery and experience cutting-edge dance and film. We have great writers, poets and celebrity visitors including Liz Lochhead, Johnny Ball, Phill Jupitus and a spectacular music set by Ana Matronic.

The festival celebrates how science, art and culture can inspire in equal measure, and how creative collaborations can help change our lives for the better.

Many of the events in our festival look at current issues affecting society, and our academics from a range of disciplines will lead lunchtime discussions on how we are addressing these through research and education and what we can all do together as a community.

Perhaps this is the most important message of our festival. As we experience these wonderful events we might be inspired to reflect on how much can be achieved by science, art and culture coming together.

Professor John Rowan
Vice-Principal, Research, Knowledge Exchange
and Wider Impact, University of Dundee

FESTIVAL INFORMATION

WHERE?

Our events take place in our festival hub, the Bonar Hall at the University of Dundee as well as other venues on and off campus as advertised in the programme. The Bonar Hall is situated just off the Nethergate, on Park Place, a right turn just after Tonic Bar. Our ticket desk is on the upper level and our café is on the lower. Entrance to the Bonar Hall is free, and events are priced individually with concession prices, where available, for under 18 years, students, unemployed, disabled and senior citizens.

TICKETS

Tickets are available:

- Online at dundee.ac.uk/festival-future
- By phone on 01382 386995 weekdays 9.30 - 17.00
- At our ticket desk on the upper level of Bonar Hall (open during the festival)

LATECOMERS

Please arrive 10 minutes in advance of the start of the event. If you are late, we will do our very best to sneak you in. However, that may not always be possible.

OTHER VENUES

- V&A Museum of Design, Riverside Esplanade, DD1 4EZ
- Sheriff Court, 6 West Bell Street, DD1 9AD
- Marwick's Vegan Kitchen, 118 Nethergate, DD1 4BH
- Dundee Science Centre, Greenmarket, DD1 4QB
- Dundee Rep Theatre, Tay Square, DD1 1PB
- The Gate Church, 158 Perth Road, DD1 4JS
- Dundee Contemporary Arts, 152 Nethergate, DD1 4DY
- Vision Building, DD1 4QB
- Dalhousie Building, Old Hawkhill, DD1 5EN
- Duncan of Jordanstone College of Art & Design, 13 Perth Road, DD1 4HT
- Fleming Building, Smalls Wynd, DD1 4HN
- Discovery Centre, Life Sciences Building, Old Hawkhill, DD1 5EH
- Tower Building, Nethergate, DD1 4HN
- Campus Green, Park Wynd, DD1 4HP (pedestrian access only)

BOOKSHOP

Thank you to our friends at Waterstones for providing our festival bookshop.

Festival of the Future is programmed by Emma Beatt, Cultural Projects Officer at the University of Dundee. To discuss how you can get involved in future festivals, or for any questions, email Emma on futurefest@dundee.ac.uk

WED 16 OCT

A WEE BIRD WAS WATCHING

KATE LEIPER

10.00 - 11.00

Bonar Hall

LUNCHTIME DEBATE THE FUTURE OF CRIMINAL JUSTICE AND HUMAN RIGHTS

12.30 - 13.30

Bonar Hall

SLUG

VISIBLE FICTIONS

Performance 1: 13.00 - 14.00

Performance 2: 15.00 - 16.00

Bonar Hall

ENTREPRENEURIAL

MASTERCLASS

CAROLINE MCKENNA

13.00 - 14.00

Dalhousie Building

Lecture Theatre 1

DUNDEE REMIX COMIC WORKSHOP

13.15 - 14.45

Vision Building

Dundee Comics Creative Space

UNIVERSITY OF DUNDEE

CULTURE DAY: RADICAL!

13.30 - 17.00

Tower Building, Baxter Room 1.36

DUNDEE PUBLIC SOCIAL

JUSTICE CHALLENGE

13.45 - 16.45

Bonar Hall

THE PATRICK GEDDES LECTURE

SUE ARMSTRONG

BORROWED TIME

17.30 - 18.30

Bonar Hall

MACRAME PERIODIC TABLE

JANE STEWART

10.00 - 18.00

Bonar Hall

Unless otherwise stated, all tickets for the events are available at dundee.ac.uk/festival-future

WORDS

A WEE BIRD WAS WATCHING

By Karine Polwart and Kate Leiper

Time: 10.00 - 11.00

Cost: £3 per child (25 places)

Age: 4-7 years recommended

Venue: Bonar Hall



Illustrator Kate Leiper will join you and your little ones to tell the tale of *A Wee Bird Was Watching* through illustrations and activities. A young girl and her mother settle in the woods for a night's sleep after a long and tiring journey. But who will keep them safe from harm? A wee bird is watching from the trees and he knows just what to do. This is a vividly illustrated and interactive telling of a folk tale that speaks to themes of displacement, migration and protection.

Dressing up as your favourite bird, tree or woodland creature is actively encouraged!

Kate will be signing books after the event and books can be purchased on site.

LUNCHTIME DEBATE

THE FUTURE OF CRIMINAL JUSTICE AND HUMAN RIGHTS

Time: 12.30 - 13.30

Cost: £5 (includes soup and bread)

Age: 14 years+

Venue: Bonar Hall



The first in a series of lunchtime debates exploring the impact that the University has had, and continues to have, on societal issues that affect us all. In this session we will hear from a panel of leading University of Dundee academics who work in the areas of criminal justice and human rights as they discuss subjects ranging from oral health programmes in prisons to challenges in the relationship between forensic science and the justice system. Following the discussion there will be the opportunity to put your questions to the panel.

PERFORMANCE

SLUG

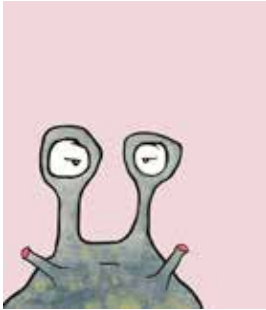
By Visible Fictions

Time: Performance 1: 13.00 - 14.00
Performance 2: 15.00 - 16.00

Cost: £8

Age: 7 years+

Venue: Bonar Hall



Book online via dundeerep.co.uk or by contacting the box office on 01382 223530

Slug is munching through your prize-winning cabbages, eating your roses and leaving slimy trails all over the lawn. Slug is taking over your thoughts and tormenting your dreams. Slug needs to be stopped. Slug doesn't care!

Join us for the battle of the century as gardener vs slimy foe fight to reclaim the garden. Slug is a comic clowning adventure with no words for all those age 7 and up.

"Visible Fictions comes with such a blazing reputation it's hard to ignore" The Guardian

In association with Dundee Rep Theatre.

MASTERCLASS

ENTREPRENEURIAL MASTERCLASS WITH CAROLINE MCKENNA

Time: 13.00 - 14.00

Cost: Free, but must be booked in advance

Age: 18 years+

Venue: Dalhousie Building, Lecture Theatre 1



If you are a budding social entrepreneur ready to make a difference and start your own venture, come and hear award-winning CEO and Community Woman of the Year Caroline McKenna talk about the highs and lows of doing work that really matters.

Following 18 years in financial services in a number of senior leadership roles, Caroline moved into the charity and social enterprise sector. Her company, Social Good HQ provides services across the private, public and non-profit sector empowering them to pursue ways in which their organisations can have a positive social impact.

A Q&A session will follow.

WORKSHOP

DUNDEE REMIX COMIC WORKSHOP

Time: 13.15 - 14.45

Cost: £3 per child

Age: 8 years+ (under 14 years to be accompanied by an adult) (20 places)

Venue: Vision Building, Dundee Comics Creative Space (entrance off Perth Road across from the Tower building)



What does a future Dundee look like to you?
How different will the city and people look in 2050?
What would you like to see?

This workshop will give you a chance to create your future Dundee vision in comic strip form using simple techniques including drawing and collage. Learn about the magic of creating comics while imagining Dundee years from now. No experience necessary and materials will be provided.

EVENT

UNIVERSITY OF DUNDEE CULTURE DAY: RADICAL!

Time: 13.30 - 17.00

Cost: Free

Age: All ages

Venue: Tower Building, Baxter Room 1.36, first floor



The University's annual Culture Day is a stimulating mix of talks and presentations across a wide-range of subjects united by a common theme. This year Culture Day celebrates its 15th birthday and like any stropky teenager we're in a radical mood! From radical politics to free radicals in our bodies, this event will definitely challenge the status quo. The full programme will be available at dundee.ac.uk/museum/exhibitions/cafe

There is no need to book in advance and admission is free.

WORKSHOP

DUNDEE PUBLIC SOCIAL JUSTICE CHALLENGE

Time: 13.45 - 16.45
Cost: Free, but must be booked in advance (24 places)
Age: 14 years+
Venue: Bonar Hall



Each year dozens of students from across the University take part in this challenge, and as part of the Festival this year we are hosting a Social Justice Challenge open to the public.

This interactive workshop is an opportunity to work with local voluntary organisations to address pressing social issues in our local communities.

If you are interested in making a difference and finding imaginative solutions to help the work of our charities and community groups, this event is for you.

THE PATRICK GEDDES LECTURE

SUE ARMSTRONG BORROWED TIME

Time: 17.30 - 18.30
Cost: Free, but must be booked in advance
Age: 12 years+
Venue: Bonar Hall



The ageing world population is one of the most important issues of our time. Society is already feeling the strain as health and social services struggle to cope.

Science writer and broadcaster Sue Armstrong will discuss issues brought to the fore in her book, *Borrowed Time, The Science of How and Why we Age*, including the quest to prevent or delay conditions associated with old age and how new technologies may shape our later years.

Sue has worked for a variety of media including *New Scientist* and the BBC, and has reported for the World Health Organisation and UNAIDS.

Sir Patrick Geddes (1854-1932) was a world celebrated polymath and a pioneering town planner. He held the Chair of Botany at University College Dundee from 1888 to 1919.

In association with Urban Foresight, a consultancy that works to improve lives by promoting sustainability and creating new economic opportunities.

ART

**MACRAME PERIODIC
TABLE BY JANE STEWART****Time:** 10.00 - 18.00**Cost:** Free**Venue:** Bonar Hall

A wonderful opportunity to see artist and biochemistry graduate Jane Stewart's Macramé version of the periodic table which took over 350 hours and 200,000 knots to complete. Made to celebrate this year's 150th anniversary of Mendeleev's periodic table of the elements, the work is currently on tour and is on display in Dundee for one day only. This fabulous version of the iconic image is a reminder of the importance of this vital tool for all who learn and work in science.

THU 17 OCT

MARS ODYSSEY

Performance 1: 10.00 – 10.45
Performance 2: 11.15 – 12.00
Bonar Hall

LUNCHTIME DEBATE THE FUTURE OF HEALTH AND SOCIAL CARE

12.30 – 13.30
Bonar Hall

READY STEADY COOK FOOD DEMO AND TASTING

12.30 – 14.30
The Gate Church

ECO GIFTING WORKSHOP

14.00 – 16.00
Bonar Hall

IDENTITY IN COMICS

17.00 – 18.00
Vision Building
Dundee Comics Creative Space

INNOVATIVE APPROACHES TO MENTAL WELLBEING

17.30 – 19.00
Bonar Hall

THE MARGARET HARRIS LECTURE HOPE IN A DARKENING UNIVERSE

18.00 – 19.00
Dalhousie Building

SCHEMEBIRDS SCREENING AND DISCUSSION

18.00 – 20.00
DCA cinema 2

FUTURE STREET FOOD

18.00 – 20.00
Discovery Centre
School of Life Sciences

Unless otherwise stated, all tickets for the events are available at dundee.ac.uk/festival-future

PERFORMANCE

MARS ODYSSEY

Time: Performance 1: 10.00 - 10.45
Performance 2: 11.15 - 12.00

Cost: Free, but must be booked in advance

Age: All ages, families encouraged

Venue: Bonar Hall



We are planning a journey to Mars and we need your help to get there!

Come along to Mars Odyssey to find out all about the great red planet and how we might go there one day. Learn about the dangers we might face on the journey, the challenges we would have to overcome to live there and answer that age-old question, could we really grow potatoes on Mars?

With explosive demonstrations and fun activities, this interactive show is great for the whole family.

In association with the 2019 Dundee Science Festival.

LUNCHTIME DEBATE

THE FUTURE OF HEALTH AND SOCIAL CARE

Time: 12.30 - 13.30

Cost: £5 (includes soup and bread)

Age: 14 years+

Venue: Bonar Hall



The second in a series of lunchtime debates exploring the impact the University has had, and continues to have, on societal issues that affect us all. In this session we will hear from a panel of leading University of Dundee academics who work in the areas of health and social care as they discuss subjects ranging from bowel screening and innovative approaches in cardiovascular medicine, to ensuring we have a social care system fit for the future. Following the discussion there will be the opportunity to put your questions to the panel.

WORKSHOP

READY STEADY COOK FOOD DEMO AND TASTING

Time: 12.30 - 14.30
Cost: Free, but must be booked in advance (20 places)
Age: 16 years+
Venue: The Gate Church



Would you like to reduce your food waste and find some inspiration in the kitchen?

This demo and tasting session will use leftover ingredients that are often thrown away to create delicious dishes to tantalise your taste buds. You'll discover how to create your own dishes that will help to reduce your food waste while being budget friendly. All dishes will be vegetarian and gluten free, with vegan options.

Please make the workshop leader aware of any allergies you may have at the start of the session.

In association with the Gate Church Carbon Saving Project and Faith in the Community.

WORKSHOP

ECO GIFTING WORKSHOP

Time: 14.00 - 16.00
Cost: £5 /£3 (30 places)
Age: 14 years+ (under 16 years must be accompanied by an adult)
Venue: Bonar Hall



Why make our own eco/healthy gifts?

Every year, we import over 10,000 tonnes of gifts, but many presents given, particularly at festive times, are never used and may eventually be thrown out. This is in addition to the 50,000 tonnes of food and drink that is thrown out in December alone.

In this hands-on workshop you will learn how to create unique gifts that are both healthier and kinder to the environment and will hear from one of the University's leading academics about her research into healthy gifting.

In association with the Gate Church Carbon Saving Project.

DISCUSSION

IDENTITY IN COMICS

Time: 17.00 - 18.00

Cost: Free, but must be booked in advance

Age: 14 years+

Venue: Vision building, Dundee Comics Creative Space (entrance is off Perth Road across from the Tower building)



Rebecca Horner, comics artist and colourist and lead workshop facilitator at Dundee Comics Creative Space (DCCS), will be joined by a special guest from Comics Youth for this discussion. Comics Youth is a Liverpool-based organisation that supports marginalised and disadvantaged children and young people across Merseyside through comics-focused workshops – themes very close to the heart of DCCS. There will also be some local comic creators as special guests!

PANEL DISCUSSION AND WORKSHOP

INNOVATIVE APPROACHES TO MENTAL WELLBEING

Time: 17.30 - 19.00

Cost: Free, but must be booked in advance

Age: 16 years+

Venue: Bonar Hall



The University of Dundee Archive Services and the School of Nursing and Health Sciences invite you to join them for a panel discussion and workshop exploring new and exciting ways to interrogate the past and record current experiences in mental health care. You will hear from experts in this field and will have the opportunity to examine archival material and to discuss how it can inform approaches to current and future mental health care.

THE MARGARET HARRIS LECTURE ON RELIGION **HOPE IN A DARKENING UNIVERSE**

Time: 18.00 - 19.00

Cost: Free, but must be booked in advance

Age: 12 years+

Venue: Dalhousie Building



Professor Dame Jocelyn Bell Burnell is the University's Chancellor and an astrophysicist by profession. Her discovery of pulsars -rotating neutron stars that appear to pulse as the beam of light they emit can only be seen when it faces the Earth- made together with her supervisor, Antony Hewish, is considered to be one of the greatest astronomical discoveries of the twentieth century. In this lecture she'll discuss what astronomers understand about the universe, its future and what it means to hope.

The Margaret Harris Lecture series began in 1965 and was named after the early benefactor of University College Dundee whose estate endowed the first chair of physics and, more recently in 1973, the University's Chaplaincy Centre.

FILM SCREENING AND DISCUSSION **SCHEMEBIRDS**

Time: 18.00 - 20.00

Cost: £7.50/£5.50/£5

Age: 15 years+

Venue: DCA cinema 2



Book online via dca.org.uk or by contacting the box office on 01382 432444

Scottish teenager Gemma has never backed down from a fight: that's the way of life in the housing estate where she grew up. In a place still reeling from the closure of the local steelworks, there's little to do for teenagers looking for kicks. As Gemma says, scheme birds like her either get "locked up or knocked up".

Lyrical yet unflinching in its gaze, this remarkable coming-of-age tale offers a sobering reflection on social inequity in today's Scotland and the communities that have been left behind.

This special screening will include a post-show discussion.

In association with Dundee Contemporary Arts and Take One Action Film Festivals.

17 OCT

FOOD, SCIENCE AND ART **FUTURE STREET FOOD**

Time: 18.00 - 20.00

Cost: £5

Age: 18 years+

Venue: Discovery Centre, School of Life Sciences



Join us as food meets the future. We'll be combining researchers from life sciences and medicine with local food and drink makers to share exciting discoveries and tasty treats. How will bacteria make better ice cream? Do cocktails hold the answers to deadly tropical diseases? We'll be asking these questions as well as showing you our world-class labs and giving you a trip into LifeSpace, our science art gallery. We hope to quench your thirst for knowledge and satiate your science palate.

In association with the 2019 Dundee Science Festival.

FOOD/WORDS/THEATRE

FRI 18 OCT

FRANKENPARTS! AN AUGMENTED REALITY WALKING TOUR

Walk and talk 1: 10.00/ 2: 11.45
Meet outside the Tower Building
front entrance

InGAME SHOWCASE WOMEN IN GAMES

10.00 - 12.00
Vision Building, InGAME Studio

THE WHIRLYBIRD ECODRAMA

Performance 1: 11.30/ 2: 13.30
Bonar Hall

LUNCHTIME DEBATE HOW CAN WE STRIVE FOR A SUSTAINABLE AND FAIRER FUTURE IN DUNDEE?

12.00 - 13.00
Bonar Hall

LUNCHTIME CONCERT

13.20 - 14.00
Bonar Hall

WHIRLY PLAY ECODRAMA

14.30 - 15.10
Bonar Hall

USING PUBLIC ART IN SOCIAL REGENERATION

14.30 - 15.45
Tower Building, Lamb Gallery

HOW TO GET INTO THE VISUAL EFFECTS INDUSTRY

15.00 - 17.00
Vision Building
Dundee Comics Creative Space

WRITING CRIME FICTION

15.00 - 16.00
Bonar Hall

SUPPER CLUB: THE ROLE OF ART AND DESIGN IN SOCIAL CHANGE

17.30 - 19.00
Duncan of Jordanstone
Matthew Building

SPECIAL PREVIEW: SORRY WE MISSED YOU BY KEN LOACH

18.00 - 20.00
DCA Cinema 1

SOUL TRILOGY STUART COSGROVE

18.00 - 19.00
Bonar Hall

SCOTTISH DANCE THEATRE BRAIN NETWORKS AND CONNECTIONS

19.00 - 22.00
Dundee Rep Theatre

COMEDY CLUB PHILL JUPITUS

19.15 - 20.15
Bonar Hall

FUN LOVIN' CRIME WRITERS MURDERING SONGS FOR FUN!

20.30 - 22.00
Bonar Hall

Unless otherwise stated, all tickets for the events are available at dundee.ac.uk/festival-future

WALK AND TALK

FRANKENPARTS! AN AUGMENTED REALITY WALKING TOUR

- Time:** Tour 1: 10.00 - 11.00
Tour 2: 11.45 - 12.45
- Cost:** £3 (30 per tour)
- Age:** All ages (under 14 years to be accompanied by an adult)
- Venue:** Meet outside the Tower Building front entrance, Perth Road



Join us on a short guided walking tour of Mary Shelley's Dundee. Frankenparts is a new augmented reality app that uses GPS technology to capture virtual body parts when you visit sites of interest related to the author of Frankenstein, who lived in Dundee in 1812-14.

You will be able to download the app on your phone before, during, or after the walking tour, although you can still enjoy the tour without a phone.

EVENT

InGAME SHOWCASE WOMEN IN GAMES

- Time:** 10.00 - 12.00
- Cost:** Free, but must be booked in advance
- Age:** 16 years+
- Venue:** Vision Building, InGAME Studio (entrance off Perth Road across from the Tower Building)



Members of the InGAME team will demonstrate how the innovation potential of the Dundee video games cluster can help effect real and lasting social change.

Throughout Summer 2019, InGAME partnered with Women in Games to explore innovative new ways to realise full equality and freedom from discrimination for all women in the sector. This session discusses that process and its outcomes.

InGAME is a multi-million pound research and development centre based in the heart of the Dundee. Led by Abertay University in partnership with the University of Dundee and the University of St Andrews, it is part of the Creative Industries Cluster Programme.

PERFORMANCE

THE WHIRLYBIRD ECODRAMA

Time: Performance 1: 11.30
Performance 2: 13.30

Cost: £8 (50 places)

Age: 3 - 7 years

Venue: Bonar Hall



Book online via dundeerep.co.uk or by contacting the box office on 01382 223530

Created by Scotland's leading eco-friendly theatre company, The Whirlybird features movement, music, bird song, puppetry and lots of things that spin!

In a cosy nest, two birds look skyward and get ready for their maiden flight. While flying comes easy for Bird, Whirlybird just can't get the hang of it. After many failed attempts, inspiration is found in a very special flying seed. The Whirlybird is a funny, playful and moving piece of theatre about learning to fly, encouraging one another and finding joy and inspiration in nature.

In association with Dundee Rep Theatre.

LUNCHTIME DEBATE

HOW CAN WE STRIVE FOR A SUSTAINABLE AND FAIRER FUTURE IN DUNDEE?

Time: 12.00 - 13.00

Cost: £5 (includes soup and bread)

Age: 14 years+

Venue: Bonar Hall



In our final festival lunchtime debate we will ask what we can do to support and contribute to a successful, fairer and more sustainable future.

A panel of leading University of Dundee academics will share their current research and future plans and discuss how we can create and improve employment, create economic growth, be responsible consumers and reduce inequality. Following the discussion there will be the opportunity to put your questions to the panel.

LUNCHTIME CONCERT

MARS IN AQUARIUS

Time: 13.20 - 14.00

Cost: Free

Age: All ages

Venue: Bonar Hall



Come along and listen to the contemporary music ensemble Mars in Aquarius who will play a programme of music by Karlheinz Stockhausen (1928-2007), including Tierkreis (a.k.a. Signs of the Zodiac) (1975).

WORKSHOP

WHIRLY PLAY

Time: 14.30 - 15.10

Cost: £3 per child (25 places)

Age: 3 - 7 years

Venue: Bonar Hall



Book online via dunderep.co.uk or by contacting the box office on 01382 223530

Join the cast of The Whirlybird (page 17) in a play-based workshop exploring the wonderful world of birds and flight. Spread your wings and explore how birds move through games, movement and music, and try out some whirly puppetry and seed spinning!

Includes a packet of bird seed to take home.

In association with Dundee Rep Theatre.

WALK AND TALK USING PUBLIC ART IN SOCIAL REGENERATION

Time: 14.30 - 15.45

Cost: £5/£3

Age: All ages (under 16 years to be accompanied by an adult)

Venue: Meet in the Lamb Gallery, first floor, Tower Building, Perth Road



This guided walk with Matthew Jarron explores the role of public art in the cultural regeneration of Dundee, focusing on the pioneering Blackness Public Art Programme of the 1980s and the inclusion of artworks in the creation of play parks and other social amenities.

This Public Art Programme was pioneering in its integration of art and urban regeneration and its success led to the largest city-wide programme in Scotland. Dundee now has over 500 sculptures, mosaics, murals and other forms of public art, some highlights of which we'll see on this fascinating tour.

EVENT HOW TO GET INTO THE VISUAL EFFECTS INDUSTRY

Time: 15.00 - 17.00

Cost: Free, but must be booked in advance (20 places)

Age: 10 years+

Venue: Vision Building, Dundee Comics Creative Space (entrance is off Perth Road across from the Tower building)



Industrial Light & Magic (ILM) VFX and animation studio staff Amy Backwell and Bimpe Alliu will talk about how to break into the VFX industry and showcase the work of ILM in blockbuster films and TV shows. The talk will be followed by a concept design workshop where you can create your own characters and designs.

WORDS

WRITING CRIME FICTION**Time:** 15.00 - 16.00**Cost:** £5/£3**Age:** 16 years+**Venue:** Bonar Hall

Five of the most brilliant raconteurs in crime fiction, authors Mark Billingham, Chris Brookmyre, Stuart Neville, Luca Veste and Doug Johnstone will talk about crime writing, their astonishing array of bestselling novels and the writers who have inspired them.

This event includes a book signing and books will be available to buy on site.

ART AND FOOD

SUPPER CLUB: THE ROLE OF ART AND DESIGN IN SOCIAL CHANGE**Time:** 17.15 - 19.00**Cost:** £15 (30 places)**Age:** 16 years+

Venue: Duncan of Jordanstone College of Art & Design (DJCAD) (you will be met in the main reception of DJCAD, Perth Road)



Join us for a very special evening and dining experience. The Supper Club will give you the opportunity to hear micro talks by DJCAD academics in the unique environment of the gallery in the Matthew Building while being served a delicious, curated meal and a specially designed cocktail.

All the artists and designers have contributed in some way to social change and will be introduced by socially engaged artist Janice Aitken whose public art works include the design of the Maggie's Penguin and the windows of the medical library at Ninewells.

FILM SCREENING AND DISCUSSION

SPECIAL PREVIEW: SORRY WE MISSED YOU BY KEN LOACH

Time: 18.00

Cost: £7.50/£5.50/£5

Ages: 15 years+ recommended

Venue: DCA Cinema 1



Book online via dca.org.uk or by contacting the box office on 01382 432444

The 2018 financial crash cost Ricky his job and his mortgage. When a promising opportunity as a freelance delivery driver appears, he sells the family car to finance the van's purchase. Ricky is confident his work ethic will see him through but as a self-employed owner-driver franchisee, every setback triggers a fine, with no recourse or second chances.

Devastatingly powerful in its delivery, Ken Loach's return to the screen is both an intimate family drama and an angry indictment of a callous economic system.

This screening will include a special post-show discussion.

In association with Dundee Contemporary Arts and Take One Action Film Festivals.

WORDS

SOUL TRILOGY WITH STUART COSGROVE

Time: 18.00 - 19.00

Cost: £5/£3

Age: 16 years+

Venue: Bonar Hall



The bar will be open for this event.

Perthshire-born broadcaster and journalist Stuart Cosgrove joins us to talk about his *Soul Trilogy* which documents the connections between the music and the political struggles of the late sixties.

Detroit 67 is the story of Motown set against a background of urban riots and escalating war in Vietnam, *Memphis 68* follows the fortunes of soul and blues label Stax Records in the tumultuous year of the assassination of Martin Luther King, and *Harlem 69* covers the year of the controversial Black Panthers trial and the connections of Harlem to the roots of disco, funk, hip hop and R&B.

This event includes a book signing and books will be available to buy on site.

PERFORMANCE

SCOTTISH DANCE THEATRE PROCESS DAY AND THE CIRCLE

Pre- and post-show discussion exploring brain networks and connections

Time: Pre-show discussion: 19.00 - 19.30
Performance: 20.00 - 21.30
Post-show discussion: 21.40 - 22.00

Cost: £10 (special festival rate quote SDT10)

Age: 12 years+

Venue: Dundee Rep Theatre



Book online via dundeerep.co.uk or by contacting the box office on 01382 223530

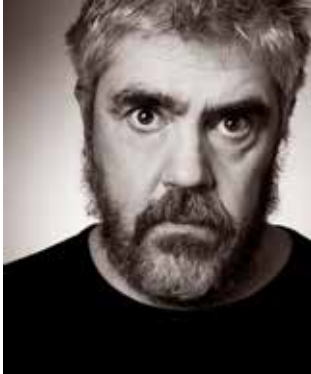
Scottish Dance Theatre's ensemble of exceptional dancers perform Process Day by award-winning duo Sharon Eyal and Gai Behar, a daring combination of cutting-edge choreography, club culture and fresh, unforgettable music, followed by Emanuel Gat's The Circle, an explosive combination of dance and wearable art driven by a hypnotic score by electronic guru, Squarepusher.

This event includes a pre- and post-show discussion with members of Scottish Dance Theatre and academics from the University who have been working together to discover more about the physicality of dance and the brain activity of dancers and audience members. How do dancers process imagery in order to access different movement qualities? How does an audience have the capacity to feel what the dancers feel, empathise with them and understand their feelings? This will be a fascinating insight into the hidden connections between performers and their audience.

"Your imagination tingles: this is bold, breath-taking stuff performed by a company at the top of its game"
The Herald

In association with Dundee Rep Theatre and Scottish Dance Theatre.

PERFORMANCE

**COMEDY CLUB WITH
PHILL JUPITUS****Time:** 19.15 - 20.15**Cost:** £8/£5**Age:** 18 years+**Venue:** Bonar Hall**The bar will be open for this event.**

Festival of the Future Comedy Club is back by popular demand!

Probably best known for being team captain on BBC Two's music quiz Never Mind the Buzzcocks, comedian and poet Phill Jupitus joins us to comper a brilliant night of stand-up comedy featuring students and academics from across the University.

MUSIC

**FUN LOVIN' CRIME
WRITERS MURDERING
SONGS FOR FUN****Time:** 20.30 - 22.00**Cost:** £10/£8**Age:** 18 years+**Venue:** Bonar Hall**The bar will be open for this event.**

The Fun Lovin' Crime Writers started, like all good rock 'n' roll stories, at The House of Blues in New Orleans. Crime writers Stuart Neville, Mark Billingham and Doug Johnstone were relaxing at a writers' convention there and after some beers they jammed their way through a few shambolic tunes. The seed of an idea was planted. They teamed up with crime-writing pals Val McDermid, Luca Veste and Chris Brookmyre to form the Fun Lovin' Crime Writers, a full-on rock 'n' roll band, murdering songs for fun to anyone who would listen and becoming a hit at festivals across the country.

Performing in Dundee for one night only and minus Val McDermid, who is currently working in New Zealand, this five piece band of crime writers are sure to play some killer tunes.



SAT 19 OCT

THE SCOTTISH VEGAN COOKBOOK JACKIE JONES

10.00 – 11.15
Marwick's Vegan Kitchen

OCEAN PLASTIC WORKSHOP

10.00 – 13.00
Duncan of Jordanstone,
Matthew Building

THREE ACT ROBBERY

Workshop 1: 11.00 – 13.00
Workshop 2: 14.00 – 16.00
Fleming Building

THE EVIDENCE CHAMBER

Event 1: 11.00 – 13.00
Event 2: 14.00 – 16.00
Event 3: 16.30 – 18.30
Dundee Sheriff Court

THE WONDER OF NUMBERS JOHNNY BALL

12.15 – 13.30
Bonar Hall

CLOTHES SWAP & REPAIR CAFÉ

13.00 – 17.00
The Gate Church

BROKEN CHAIN ENTERPRISE

13.30 – 17.30
Duncan of Jordanstone
Matthew Building

GREEN SCREEN WORKSHOP

14.00 – 16.00
Duncan of Jordanstone,
Matthew Building

THE CONVERSATION ON THE FUTURE OF JOURNALISM

POLLY CURTIS
14.15 – 15.30
Bonar Hall

"GIVE 'EM WHAT THEY WANT: DO EDITORS PANDER TO AUDIENCES MORE THAN THEY SHOULD?"

Time: 16.00 – 17.15
Bonar Hall

KERRY HUDSON LOWBORN

17.30 – 18.30
Bonar Hall

HOW ROBOTS ARE SHAPING THE WORLD WE LIVE IN

18.30 – 19.30
V&A Dundee

CLEAR BRIGHT FUTURE, A RADICAL DEFENCE OF THE HUMAN BEING

PAUL MASON
18.45 – 20.00
Bonar Hall

SCOTTISH DANCE THEATRE DOUBLE BILL

20.00 – 21.30
Dundee Rep Theatre

SOMETHINGS OLD, SOMETHINGS NEW LIZ LOCHHEAD AND STEVE KETTLEY

20.30 – 22.15
Bonar Hall

ANA MATRONIC DJ SET

20.30 – 21.30
V&A Dundee

Unless otherwise stated, all tickets for the events are available at dundee.ac.uk/festival-future

WORDS AND FOOD

THE SCOTTISH VEGAN COOKBOOK

JACKIE JONES

Time: 10.00 - 11.15
Cost: £8 (includes nibbles) (30 places)
Age: All ages (under 16 years to be accompanied by an adult)
Venue: Marwick's Vegan Kitchen



A vegan revolution is taking place in Scotland. In cities and towns across the country, local cafés, restaurants, market stalls and food festivals are offering an ever growing set of options for vegan diners.

The recipes in The Scottish Vegan Cookbook show you how to prepare a wide variety of tasty plant-based dishes from Scotland's abundant seasonal produce.

Jackie Jones will talk about her book and you will have the chance to sample some delectable vegan delights in the gorgeous surroundings of Marwick's Vegan Kitchen.

Please make us aware of any allergies you may have in advance of the event.

This event will include a book signing (copies will be available on the day - cash sales only).

WORKSHOP

OCEAN PLASTIC

Time: 10.00 - 13.00
Cost: £5 (30 places)
Age: 12 years+ (under 16 years must register with an adult at the start of the session to complete consent form)
Venue: Duncan of Jordanstone College of Art & Design (DJCAD) (you will be met in the main reception of DJCAD, Perth Road)



Have you ever considered the possibilities of repurposing the plastic that pollutes our beaches? In this workshop Kathy Vones will show you how ocean plastic, usually considered as rubbish, can have real value. Using 3D-printing techniques you will transform salvaged plastic into inventions of your own. This workshop combines environmental awareness, recycling, positive action, and education. It will also be super-exciting as you see your designs emerge.

Please bring used sturdy plastic with you to repurpose.

WORKSHOP

THREE ACT ROBBERY

Time: Workshop 1: 11.00 - 13.00
Workshop 2: 14.00 - 16.00

Cost: £5/£3 (20 places per workshop)

Age: 18 years+

Venue: University of Dundee, Fleming Building



Join forensic science researchers from the University to help them work on a curious crime. They are exploring the cutting edge of scientific evidence and need your help! At this interactive event you will learn about scientific techniques to analyse evidence. Your work and analyses will then help provide information to the police to see if they can crack the case. As well as interacting with researchers and using science to help investigate a crime, the event provides the opportunity to see the laboratories and spaces where some of the University's ground-breaking research is carried out.

Please wear appropriate clothing (flat, covered-toe shoes, trousers - not shorts or skirts). Lab coats will be provided

Both buildings are wheelchair accessible, however some of the activities will be taking place on high lab benches.

EVENT

EVIDENCE CHAMBER

Time: Event 1: 11.00 - 13.00
Event 2: 14.00 - 16.00
Event 3: 16.30 - 18.30

Cost: £5/£3 (15 places per workshop)

Age: 14 years+

Venue: Dundee Sheriff Court



A murder has been committed. There's a suspect but the evidence doesn't paint a clear picture. How will you, the jury, reach a decision? The Evidence Chamber is live theatre with audience participation at its heart drawing on a jury format. It asks how we respond to different types of evidence, its presentation and how our preconceptions can affect decisions. How will you vote?

If you're a fan of The Good Wife, Law and Order or Line of Duty, or you're just quite interested in solving puzzles, this event is for you.

This activity involves reading out loud and some strong language.

A collaboration between the Leverhulme Research Centre for Forensic Science at the University and ex-theatre company fanSHEN.

WORDS

THE WONDER OF NUMBERS WITH JOHNNY BALL

Time: 12.15 - 13.30

Cost: £5/£3

Age: 9 years+ (under 16 years to be accompanied by an adult)

Venue: Bonar Hall



TV personality Johnny Ball presents a fun and captivating talk based on his book *Wonders Beyond Numbers: A Brief History of All Things Mathematical*. Johnny has been a champion of mathematics for over 40 years, opening up the subject for a popular audience with wit and wisdom. In this talk he will introduce us to a host of fascinating figures from history and explain how we have built up an understanding of shapes, numbers and patterns since ancient times.

Johnny Ball is the mastermind behind more than 20 successful TV series about maths and science, which have inspired a generation to be more confident in mathematics, science and technology.

This event will include book signing - copies will be available to purchase.

EVENT

CLOTHES SWAP AND REPAIR CAFÉ

Time: 13.00 - 17.00

Cost: Free - clothes donations welcome

Age: All ages

Venue: The Gate Church



Recycle, revamp and reuse your clothes! Swapping clothes is cheaper and more sustainable than buying new ones and quite fun too! We will have clothes and accessories for everyone to choose from, and if you have any you no longer need you can bring them along. We will also have sewing machines and experts to show you how to mend or adjust your clothes if you would like to sharpen your sewing skills.

WORKSHOP BROKEN CHAIN ENTERPRISE

Time: 13.30 - 17.30
Cost: £15 (10 places)
Age: 16 years+
Venue: Duncan of Jordanstone College of Art & Design (DJCAD) (you will be met in the main reception of DJCAD, Perth Road)



Old jewellery can capture glimmers of the past and keep us close to others in memory. Among our collections we may have broken chains or those that have become tangled as time has passed. This workshop allows you to re-design and re-make chains old and new to preserve precious sentiments of the past or to give your jewellery a new lease of life by making something new.

For this workshop you will need to bring your own chains to be re-designed/re-made/re-worn.

WORKSHOP GREEN SCREEN WORKSHOP

Time: 14.00 - 16.00
Cost: £5 /£3 (20 places)
Age: 14 years+
Venue: Duncan of Jordanstone College of Art & Design (DJCAD) (you will be met in the main reception of DJCAD, Perth Road)



A hands-on animation workshop in our green screen facility at DJCAD, where you can have a go at creating a scene and find out about the behind the scenes of production work. You will have the opportunity to be filmed in front of the green screen and transported into a fantasy world! No previous experience required.

EVENT

THE CONVERSATION ON THE FUTURE OF JOURNALISM POLLY CURTIS

Time: 14.15 - 15.30

Cost: £5/£3

Age: 16 years+

Venue: Bonar Hall



Polly Curtis is the former UK editor-in-chief of the Huffington Post and was previously UK director of media at the Red Cross and digital editor of The Guardian. This exciting and informative talk will examine the burgeoning information divide between those who pay for news and those who rely on free services, and how this is affecting society. She will also talk about her work at Tortoise, a 'slow news' organisation which is helping to bridge this gap.

In association with The Conversation.

PANEL DISCUSSION

GIVE 'EM WHAT THEY WANT: DO EDITORS PANDER TO AUDIENCES MORE THAN THEY SHOULD?

Time: 16.00 - 17.15

Cost: £5/£3

Age: 16 years+

Venue: Bonar Hall



With a third of Britons saying they are avoiding the news because of Brexit, and news outlets such as Channel 4 News and the Today programme recording falling numbers, how is traditional news changing? Has it become less serious, offering shorter articles, less analysis and fewer interviews? How can traditional news compete against online clickbait, fake news and social media-driven alternatives that bring in big audiences? Is balanced news coverage under threat?

Our panel of media experts will explore how news has changed in recent decades and discuss the issues that matter to anyone who believes that a healthy media is essential to a healthy democracy.

In association with The Conversation.

WORDS

**KERRY HUDSON
LOWBORN****Time:** 17.30 - 18.30**Cost:** £5 /£3**Age:** 16 years+**Venue:** Bonar Hall

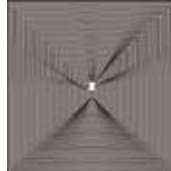
Journalist and author Kerry Hudson will share the personal stories that have contributed to her fascinating new memoir *Lowborn: Growing Up, Getting Away and Returning to Britain's Poorest Towns*.

Kerry was born in Aberdeen and grew up in poverty, attending fourteen different schools while living in B&Bs and council flats with her single mother. Twenty years later, she's a prizewinning novelist who has travelled the world, and has a secure home and a comfortable life. But she often finds herself looking over her shoulder, as if caught between two worlds. In *Lowborn*, Kerry revisits the towns she grew up in to try to discover what being poor means in Britain today and whether anything has changed.

"One of the most important books of the year" The Guardian

This event includes a book signing and books will be available to buy on site.

PANEL DISCUSSION

**HOW ROBOTS ARE
SHAPING THE WORLD
WE LIVE IN****Time:** 18.30 - 19.30**Cost:** £8/£6 for panel discussion only. A ticket deal is available for both panel discussion and DJ Set (page 33) £20/£15**Age:** 18 years+**Venue:** V&A Dundee, Juniper Auditorium**The bar will be open for this event.**

In association with NEoN and V&A Dundee we invite you to join us for a discussion on how robots are helping to shape the world we live in. The panel, including Scottish artist and Duncan of Jordanstone College of Art & Design alumnus Hallidonto - Graeme Gerard Halliday and Hobs Studios 3D Creative tech Lead Kadine James will challenge our assumptions and prejudices about robots, discuss their science and fiction, and celebrate the extraordinary creative relationships possible between humans and machines.

The panel will be joined by Ana Matronic, an avid lover of sci-fi and author of the book *Robot Takeover: 100 Iconic Robots of Myth, Popular Culture and Real Life*.

WORDS

CLEAR BRIGHT FUTURE, A RADICAL DEFENCE OF THE HUMAN BEING PAUL MASON

Time: 18.45 - 20.00

Cost: £5/£3

Age: 16 years+

Venue: Bonar Hall



The bar will be open for this event.

Renowned journalist and commentator Paul Mason will discuss his new book.

From economics to Big Data and from neuroscience to culture wars, Paul will draw from his on-the-ground reporting and his own childhood to show how the notion of humanity has become eroded as never before. It's not simply the fraying of the post-war global order, he believes there is an all-out attack on values that have underpinned Western societies for hundreds of years.

Do we need to fight for universal rights, for human-centric institutions, and for the right to resist control of our lives by algorithms?

This event includes a book signing and books will be available to buy on site.

PERFORMANCE

SCOTTISH DANCE THEATRE PROCESS DAY AND THE CIRCLE

Time: 20.00 - 21.30

Cost: £10 (special festival rate quote SDT10)

Age: 12 years+

Venue: Dundee Rep Theatre



Book online via dundeerep.co.uk or by contacting the box office on 01382 223530

Scottish Dance Theatre's ensemble of exceptional dancers perform Process Day by award-winning duo Sharon Eyal and Gai Behar, a daring combination of cutting-edge choreography, club culture and fresh, unforgettable music, followed by Emanuel Gat's The Circle, an explosive combination of dance and wearable art driven by a hypnotic score by electronic guru, Squarepusher.

In association with Dundee Rep Theatre and Scottish Dance Theatre.

MUSIC

SOMETHINGS OLD, SOMETHINGS NEW WITH LIZ LOCHHEAD AND STEVE KETTLEY

Time: 20.30 - 22.15

Cost: £10/£8

Age: 18 years+

Venue: Bonar Hall



The bar will be open for this event.

A selection of favourites from fifty years of monologues, theatre pieces and performance poems by the former National Poet of Scotland, Liz Lochhead, accompanied by the bluesy, soulful saxophone of composer and actor, Steve Kettley of the quartet Steve Kettley's Odd Times.

"Brilliant, raucous and scabrously funny"
The Sunday Times

"Funny, frank and frisky" The Scotsman

MUSIC

ANA MATRONIC DJ SET

Time: 20.30 - 22.00 (doors open 19.30)

Cost: £15/£12 for DJ sets only. A ticket deal is available for both panel discussion and DJ Set (page 31) £20/£15

Age: 18 years+

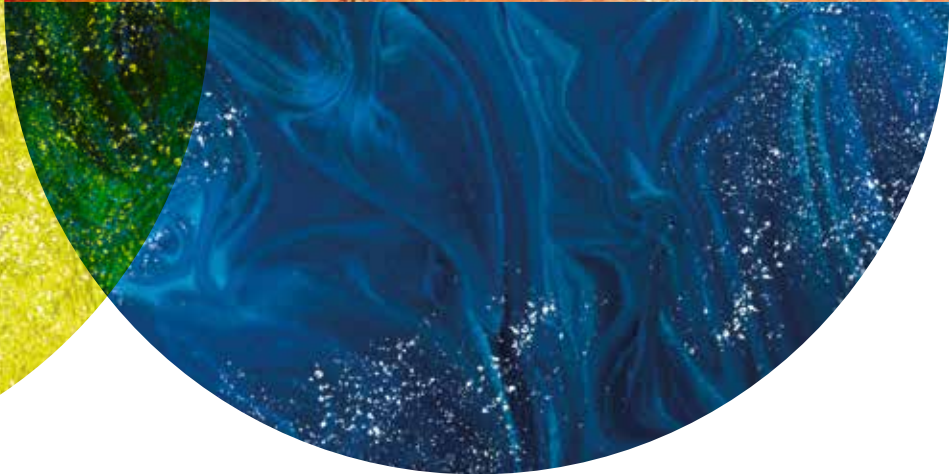
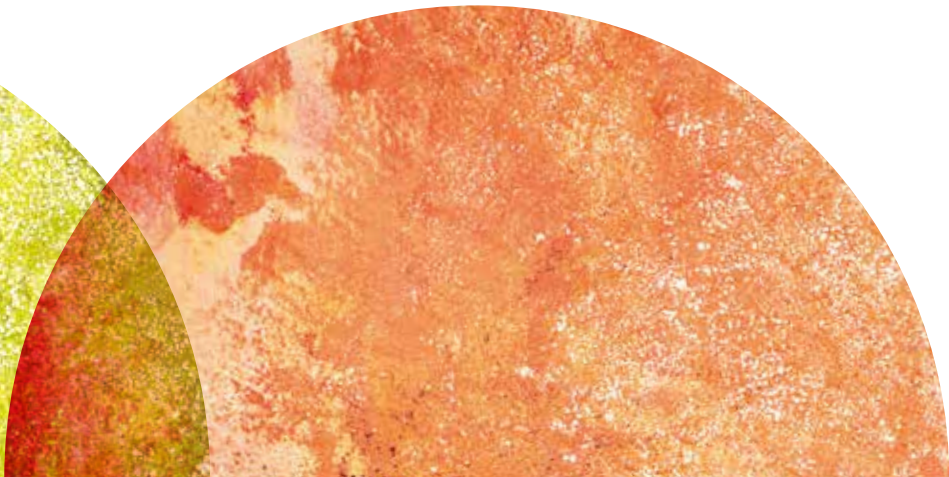
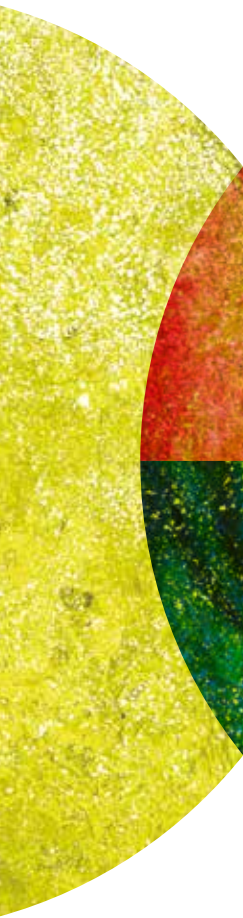
Venue: V&A Dundee



The bar will be open for this event.

We are delighted to welcome Ana Matronic to Dundee for this unique event. Taking place in V&A Dundee, with the spectacular backdrop of the River Tay, Ana will play a killer set of dance floor fillers.

Ana Matronic has made a profession out of sound tracking the good times in life. Whether onstage as a member of pop phenomenon Scissor Sisters or on air as Radio 2's Doyenne of the Disco, she has made a name for herself by not only being able to curate an eclectic musical journey, but by also putting words to the experience, bringing the audience into the music and bridging the gap between performer and listener. Ana's shows for BBC Radio 2 include Disco Devotion in 2017, and in 2018, Dance Devotion, the station's first ever show dedicated to dance music culture.



SUN 20 OCT

DIAGNOSIS: KIDNAPPED!

ESCAPE GAME

10.30 - 11.30

Discovery Centre

School of Life Sciences

THE EVIDENCE CHAMBER

Event 1: 11.00 - 13.00

Event 2: 14.00 - 16.00

Dundee Sheriff Court

TOOTHY TIGERS

Workshop 1: 12.00 - 12.40

Workshop 2: 13.00 - 13.40

Bonar Hall

MAJOR INCIDENT DECLARED

12.00 - 16.00

Campus Green

STORYBOARDING

WORKSHOP

MIKE COLLINS

14.15 - 15.45

Bonar Hall

Unless otherwise stated, all tickets for the events are available at dundee.ac.uk/festival-future

WORKSHOP

DIAGNOSIS: KIDNAPPED! ESCAPE GAME

Time: 10.30 - 11.30

Cost: £3 (includes a snack)

Age: 14 years+ (all those under 16 years must be accompanied by an adult)

Venue: Discovery Centre, School of Life Sciences



Can you solve our medicinal mystery? Join us in the School of Life Sciences where we need your help discovering the cure to a deadly disease. At the Wellcome Centre for Anti-Infectives Research, our scientists solve puzzles to defeat horrible parasites and we want to make our medicines affordable to anyone who might need them. Going through many of the same processes they do, you'll work together to come up with the cure. You'll need to work quickly, though – there might be some other people who'd like to get their hands on your work!

EVENT

EVIDENCE CHAMBER

Time: Event 1: 11.00 - 13.00

Event 2: 14.00 - 16.00

Cost: £5/£3 (15 places per workshop)

Age: 14 years+

Venue: Dundee Sheriff Court



A murder has been committed. There's a suspect but the evidence doesn't paint a clear picture. How will you, the jury, reach a decision? The Evidence Chamber is live theatre with audience participation at its heart drawing on a jury format. It asks how we respond to different types of evidence, its presentation and how our preconceptions can affect decisions. How will you vote?

If you're a fan of The Good Wife, Law and Order or Line of Duty, or you're just quite interested in solving puzzles, this event is for you.

This activity involves reading out loud and some strong language.

A collaboration between the Leverhulme Research Centre for Forensic Science at the University and ex-theatre company fanSHEN.

WORKSHOP TOOTHY TIGERS

Time: Workshop 1: 12.00 - 12.40
Workshop 2: 13.00 - 13.40
Cost: £2 per child (20 places per workshop)
Age: up to 8 years
Venue: Bonar Hall



Find out about the work of a dentist, how important your teeth are to your overall health and how to brush them properly. Meet our Toothy Tiger puppets who will help you to look after your gnashers. This fun and interactive workshop, led by our Toothy Tigers from the School of Dentistry, will help you find out about oral health and looking after your pearly whites.

WORKSHOP MAJOR INCIDENT DECLARED

Time: 12.00 - 16.00
Cost: £3 (30 places)
Age: 13 years+ (under 16 years must register with an adult in order to fill in consent form)
Venue: Campus Green, University of Dundee



Imagine that a major incident has been reported on the news, and that a tanker carrying highly toxic chemicals travelling through Dundee has crashed. On contact with the atmosphere, the chemicals have started to turn into a deadly gas and the rescue services have called for assistance from the public to help deal with the crisis. Join our staff and students from the School of Nursing and Health Sciences to be given a series of tasks to test your physical and emotional resilience as you try to overcome the challenges faced during this fictional emergency.

Please wear outdoor clothing. Waterproofs are recommended.

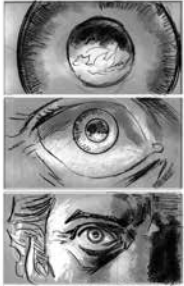
WORKSHOP STORYBOARDING WORKSHOP MIKE COLLINS

Time: 14.15 - 15.45

Cost: £5/£3 (30 places)

Age: 10 years+

Venue: Bonar Hall



Mike Collins, comics and storyboard artist who has worked for both Marvel Comics in the UK (Spider-Man, Transformers, Dr Who, 2000 AD) and DC Comics in the US (Superman, Batman, The Flash, Wonder Woman, Star-Trek) joins us for a very special workshop where you will be able to try your hand at storyboarding an imagined sequence for film or TV, templates will be provided.

Mike has created designs for TV show sets and has worked on storyboards, designs and layouts for animation. He has worked for the Doctor Who TV series and Good Omens, a mini-series based on the 1990 novel by Terry Pratchett and Neil Gaiman.



SUPPORTERS & SPONSORS

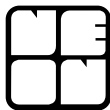
Festival of the Future 2019 wouldn't be possible without the support and partnership of many organisations and friends, in Dundee and beyond. Many thanks to the following:



University of Dundee



LEVERHULME TRUST



film festivals



THE CONVERSATION





SCIENCE /

ART /

DANCE /

/FOOD

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Festival of the Future is led by the University of Dundee

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