

#### **BOOK YOUR** FREE ENTRANCE HTTPS://BIT.LY/SITCBOOK2024

#### **BUDDIES' EXPERIMENTS**

CC MARMARITSAKI & MARINA SASLI Dance Workshop | Duration : 1.5 - 2 hrs 7<sup>th</sup> Sept : 10:30 - 12:00 pm 8<sup>th</sup> Sept : 10:30 am - 12:30 pm Valletta Design Cluster, Friggieri Hall 16+

Buddies' Experiments is an inclusive methodology fostering collaboration through movement and sound. This creative workshop will be run by Greek dancers Cc Marmaritsaki and Marina Sasli who embrace participants from diverse experiences, abilities and backgrounds. In the workshop, scientific concepts from mathematics and physics will be explored using voice, body, and rhythm. This will be an unforgettable workshop!

#### **FLATBREAD CULTURE**

PROF. VASILIS VALDRAMIDIS, UOM Webinar | Duration : 45 minutes 11<sup>th</sup> Sept : 5:00 - 5:45 pm Online

Flatbread and culture are closely connected. In this lively online discussion with Prof. Vasilis Valdramis, you will learn about the importance of preserving and producing safe flatbreads and how their presence is imperative in the era of globalization.

Engaging communities with research is

build trust and enhance Justice, Equity, Diversity and Inclusion in society. This

rethink how we design effective and

ideas and content.

critical for researchers and institutions to

role-playing workshop will challenge you to

placing people at the centre. The workshop is perfect for people participating in the

Science in the City festival to develop their

National Geographic Explorer Prof. Aaron Micallef and filmmaker Kevin Sciberras

unravel the secrets of our planet's history

and its dynamic future through two video-based projects about The Zanclean

Megaflood and Antarctic Hydrology.

inclusive public engagement activities by

#### 14+

#### **PLAY & DESIGN IMPACTFUL SCI-COMM ACTIVITIES**

ENGAGED Skills dev workshop | Duration : 3.5 hrs 13<sup>th</sup> Sept : 4pm - 7:30 pm Room 312 (Events Room), Dar Ġużeppi Żahra (DĠŻ), University of Malta, Msida 18+

#### **CATACLYSMIC FLOODS & MELTING ICE : NATIONAL GEOGRAPHIC EXPLORERS FILM TEASER**

Film teaser with Q&A | Duration : 1 hr 17th Sept : 7:30 - 8:30 pm Spazju Kreattiv

## AARON MICALLEF & KEVIN SCIBERRAS

## 12+

#### MAPPING BRAIN FUNCTION

PEP WALLS & DR CLAUDE BAJADA Art workshop | Duration : 1.5 hrs 19th Sept : 5:00 - 6:30 pm Valletta Design Cluster, Meeting room 1 ALL AGES

Revel in the beauty of brain activity by helping to create an interactive art installation that uses mathematical knowledge to explore our brains' complex structure and function, together with Spanish artist Pep Walls and Dr Claude Baiada.







### VIRTUAL BIRD RINGING

BIRDLIFE MALTA Bird ringing | Duration : 1 hr 21<sup>th</sup> Sept : 8:00 - 9:00 am Online

ALL AGES

14+

### GAME DESIGN FOR J.E.D.I.

THE INSTITUTE OF DIGITAL GAMES & MIGHTYBOARDS

Soar into the weekend with BirdLife Malta to learn about bird migration, longevity, population sizes, and more. In a livestream from Ghadira Nature Reserve, participants get a unique opportunity to see birds up close as they are being ringed. Participants will also have the chance to ask questions to our licensed bird ringers in the comments.









Games workshop | Duration : 2 hrs Valletta Design Cluster, Meeting room 1 nowledge about game mechanics for social

design your own game with UM's Institute of Digital Games and MightyBoards using

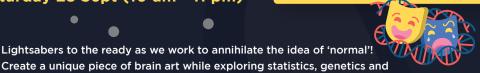
games from a different perspective as you





#### FREE tickets https://bit.ly/SITC-PERFORMANCES-2024

**Book your** 



#### Friday 27 Sept (4-11 pm) and Saturday 28 Sept (10 am - 11 pm)

12+

12+

#### AM I 'NORMAL'?

BRAINTASTIC! SCIENCE Performance | Duration : 1 hr 27<sup>th</sup> Sept : 6:45 - 7:45 pm 28<sup>th</sup> Sept : 11:45 - 12:45 pm / 3:15 - 4:15 pm 7:00 - 8:00 pm

#### **RUNTING THE HIGGS**

PROF. ING. GIANLUCA VALENTINO

The Large Hadron Collider is the world's largest and most powerful machine, but could you control it for yourself? Become a particle physicist for the day and see if you have what it takes to control the Large Hadron Collider. Expect interactive games, hilarious jokes, loud explosions and lots of audience participation. This is no place for the faint of heart!

evolution to celebrate the huge variability of the human population.



27th Sept : 8:00-8:45pm / 10:00-10:45pm 28th Sept : 1:00-2:00pm / 4:45-5:45pm / 9:15-10:15

28<sup>th</sup> Sept : 10:00-10:40am / 2:15-2:55pm /

Performance | Duration : 27th 45min | 28th 1 hr

#### **RIPPED GENES** RINGROAD THEATRE

Performance | Duration : 1 h

8:15-8:55pm

Performance | Duration : 30 min

27<sup>th</sup> Sept : 10:30 - 11:00 pm 28<sup>th</sup> Sept : 10:30 - 11:00 am

27th Sept : 4:00-4:40pm

**DNA RHYTHMS** 

DICCON COOPER &

PROF. JOSEPH BORG

DR SAM GREGSON &



"Ripped Genes," is the intriguing story of Eugene, an unlucky scientist whose DNA structure collapses into pieces during a lab accident. With the help of his friend, a forensic investigator, Eugene struggles to rebuild his DNA structure. Find out more about this enthralling story and discover that despite our unique traits, we have so much in common with everyone around us.

DNA contains the building blocks of life. But did you know that those blocks can be translated into music notes to create songs? In this performance, jazz musician Diccon Cooper uses DNA sequences from geneticist Prof. Joseph Borg to create methodical and mutated melodies.



**Book your** FREE tickets https://bit.ly/SITC-WORKSHOPS-2024

**BOO RECACCIA** 

BUDDIES' EXPERIMENT - CC ARMARITSAKI & MARINA SASLI Dance performance | 30 min 27<sup>th</sup> Sept : 5:00 - 5:30 pm 28<sup>th</sup> Sept : 11:00 - 11:30 am



16+

Imagine how many things could be achieved more easily, and more enjoyably if we chose not to do them alone every time. In this dance performance, discover the power of human connection and support through rhythm, maths and movement. Learn about the innovative methodology that celebrates co-development with people from diverse backgrounds.



## Friday 27th Sept (4 - 11pm) Saturday 28th Sept (10am - 11pm)

**MAGINING A FOSSIL FREE** 6-13 MALTA: CRAFT & CÕLLAGE

WORKSHOP FRIENDS OF THE EARTH Workshop | Duration : 1 hr 27th Sept : 8:15-9:15 pm

## CIENCE WITHOUT

ESPLORA INTERACTIVE SCIENCE CENTRE Workshop | Duration : 1 hr 27th Sept : 6:15 - 7:15 pm 28<sup>th</sup> Sept : 11:30 am-12:30 pm / 12:45-1:45 pm / 3:45-4:45 pm / 5-6 pm

#### SCIENCE OF FRIENDSHIP BETAPSI

Workshop | Duration : 30 min



Heat waves, rising sea levels, and climate chaos are on the rise in Malta making it easy to fall into despair. However, collective action is a powerful way to show that we are not alone and solutions for a brighter future exist. In this crafty collage workshop, you will create your vision of a fossil free Malta.



Understanding science can empower us to navigate our complex world more effectively. Join Esplora to discover the wonders of science and find out its critical role in our everyday lives. In this workshop, you will be able to test your current knowledge of science while having fun, explore resources for further scientific learning, and discuss the significance of scientific literacy. 



In this workshop, participants will embark on a fun and interactive journey, exploring the power of friendship and inclusion through simple science experiments. Expect an engaging experience led by Dr. Lumina, a lively scientist, and Bella, a curious young student, as they demonstrate how diversity and teamwork can lead to stronger connections and understanding. Expect lots of fun, learning, and colorful experiments!



27th Sept : 5:30 - 6:00 pm / 7:30 - 8:00 pm 9:30 - 10:00 pm

#### **RIPPED GENES WORKSHOP**

RINGROAD THEATRE & DR EMMA CLARKE Workshop | Duration : 30 min 27<sup>th</sup> Sept : 4:45-5:15 pm ● 28<sup>th</sup> Sept : 10:45 - 11:15 pm / 3:00 - 3:30 pm / 9:00 - 9:30 pm 🌑



Following every performance of "Ripped Genes," a workshop will be held in a nearby room at Sala San Duminku where participants can test their newfound genetics knowledge in an interactive game.



The She Can exhibition presents the experiences of 26 women in Malta who have made remarkable contributions to the fields of STEM, both locally and internationally. The aim is to shine a light on successful role models to inspire future generations to potential careers in STEM and challenge cultural norms. These women are the true JEDI masters!

#### SHE CAN

UM MARKETING, ALUMNI AND COMMS. OFFICE AND DEPARTMENT OF PHYSICS, FACULTY OF SCIENCE Exhibition 27<sup>th</sup> Sept : 4:00 - 11:00 pm 28<sup>th</sup> Sept : 10:00 am - 11:00 pm

# lacksquare& 28th Sept 6 - 1 7 th

#### **Body & Health** Body & Health Witness the 3D printing of body parts -Medical Physics

Join the La Roche-Posay +M EXPERI-ENCE & embark on a transformative journey towards achieving your clearest skin vet!

Join the Malta Health Students Association warriors to help eliminate discrimination in healthcare.

Get trained to save lives - Malta Resuscitation Council

Transform disability into ability - Maltese Society of Physical and Rehabilitation Medicine

Live healthy with tips from - Queen Mary University of London.

### • Hands-on Science

Join the UM Dept of Mathematics to play fun and easy to hard math games.

Watch science come to life - S-Cubed

Push the boundaries of applied science - UM Faculty of Engineering

**Community & Culture** Planning to launch a startup? The troopers from Malta Enterprise need a word.

Transport yourself into a new dimension of mobility - Ministry for Transport, Infrastructure and Public Works

Find out how the EU supports research, democracy, inclusion and youth at the EU Corner.

Learn about Malta's cultural heritage with Kunsill Regionali Lvant and Virtual Malta



#### **Body & Health**

Join the bioinformatic war on disease - BioGeMT and TargetMI

Meet the anaesthesiologist dream team - Association of Anaesthesiologists of Malta

Discover, connect, and advocate with the National Alliance for Rare Diseases Support

Receive free health testing - Department of Pharmacy at UM & Malta Pharmaceutical Students Association

Unravel the mysteries of DNA - Medical Biochemistry Students' Association

Delve into the history of art with Malta's Fine Arts Student Association

#### **Our Environment, Agriculture & Food**

Turn your old batteries into a force for good with GreenPak's Batteries for Hospice initiative.

Take the oppor-tuna-ty to learn about fish farming - AquaBioTech Group

Take a break from the hustle and bustle to enjoy the benefits of nature at The Green Hub - Piscopo Gardens

Storm the Agenzija Żgħażagħ stand to see how you can join the Force.

Dive into deep questions about the seas that unites us - Oceanography Malta Research Group

Step into VARCITIES urban, outdoor living room to redesign Gzira's Rue D'Argens and explore nature-based solutions using AR/VR technology.

Imagine a traffic-free Malta - Research, Innovation & Development Trust

Engage your senses and revel in the beauty of nature - BirdLife Malta

Transcend disciplinary boundaries - Institute of Earth Systems

Save our local waters - Sharklab-Malta

Hunt for natural treasures - Malta Chamber of Scientists & JUSTNature



#### **Hands-on Science**

Show off your creative problem -solving skills - G.F. Abela Junior College

#### **Community & Culture**

Be you Padawan or Jedi Master, join Betapsi to celebrate community, diversity and unity in the most colorful way possible!

Join the Argotti Botanic Gardens team for a green multi-sensory experience.

Learn how MEGALITH uses AI to preserve Malta's megalithic structures.

Visit the Biodiversity and Ecology stand for a creepy crawly experience.

## **Book your FREE** tickets

https://bit.ly/SITC-STREET-2024

VR & Technology "Much to learn, you still have" about the diversity of human language with the Institute of Linguistics and Language Technology.

Climb aboard your galactic ship to visit the robotic world of the UM's Cottonera Resource Centre.

Experience the electrifying UM Racing's simulator!

Witness sustainability in action MCAST Applied Research and Innovation Centre

Engineer your way to success - MCAST Engineering

Astronomy Get ready for a galactic experience with Road-STEAMer's hands-on astronomy activity for curious young minds!

#### **Brains & Forensics**

Neuroscience meets maths and the arts for a truly unique experience - Dr Claude Bajada and Pep Walls

Step into the role of crime scene investigator - Malta Police Forensic Science Laboratory

Learn how to maximize brain potential -Malta Association for Neurologists and Neurosurgeons

#### Women in Science

Meet the women who paved the way in a number of scientific fields through the ages at the EU Parliament exhibition in collaboration with the Spanish Embassy.

Contemplate AI ethics in interactive gaming - Institute of Digital Games.

Be there as IEEE robots descend on Triton square.

#### Astronomy

...3,2,1... Liftoff! UM Rocketry propels you into the cosmos. Hop on to experience the thrill of amateur rocketry and space engineering.

**Brains & Forensics** Beat the Stroke - Malta Neurological Students' Society



Hop aboard the starfighter with Malta Association of Biomedical Scientists.

Join the force to assist the Malta Medical Students' Association wage war on all that negatively affects our health 

Awaken the force of medicinal drugs - Malta Medicines Auth.

Welcome to the planet of Microbiota - TheBioArte Ltd

Work towards Vision Zero - Doctors 4 Road Safety

Row your way to victory - UM Rowing Club

Discover the potential of the mighty zebrafish- UM Prof. Melissa Marie Formosa

Become a Friend(s) of the Earth to look into the organization's impactful work on climate, agriculture, and waste management.

Time to face the facts on trash - Earth Systems Association

#### R & Te

Take a virtual dive into Maltese waters to explore the wrecks that lie within - Heritage Malta

Get connected with ICT.

#### Hands-on Science

If you're a speed junky, come enjoy the thrills of BMX & physics - Malta Street Sport Alliance

Engineering the next generation with - UESA.

Explore the thrilling physics and creativity of skateboarding - Malta Skateboarding Association Community & Culture

Step into the Legal Laboratory - Għaqda Studenti tal-Liģi

Design your ideal village - Malta Sociological Association & UM Dept of Sociology

VR & Technology Step into the immersive world of Virtual Reality gaming - ICT Students' Association

